



RADIO TEST REPORT

Test Report No. : 13545882H-A-R1

Applicant : silex technology, Inc.
Type of EUT : Embedded Wireless Module
Model Number of EUT : SX-USBAC
FCC ID : N6C-USBAC
Test regulation : FCC Part 15 Subpart E: 2020
(DFS test only)
*Master

Test Result : Complied (Refer to SECTION 3)

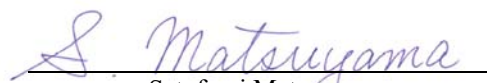
1. This test report shall not be reproduced in full or partial, without the written approval of UL Japan, Inc.
2. The results in this report apply only to the sample tested.
3. This sample tested is in compliance with the limits of the above regulation.
4. The test results in this test report are traceable to the national or international standards.
5. This test report must not be used by the customer to claim product certification, approval, or endorsement by the A2LA accreditation body.
6. This test report covers Radio technical requirements.
It does not cover administrative issues such as Manual or non-Radio test related Requirements. (if applicable)
7. The all test items in this test report are conducted by UL Japan, Inc. Ise EMC Lab.
8. The opinions and the interpretations to the result of the description in this report are outside scopes where UL Japan has been accredited.
9. The information provided from the customer for this report is identified in Section 1.
10. This report is a revised version of 13521383H-A. 13521383H-A is replaced with this report.

Date of test: November 19 to 25, 2020

Representative test engineer:


Takafumi Noguchi
Engineer

Approved by:


Satofumi Matsuyama
Engineer



CERTIFICATE 5107.02

- ☐ The testing in which "Non-accreditation" is displayed is outside the accreditation scopes in UL Japan.
☒ There is no testing item of "Non-accreditation".

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REVISION HISTORY

Original Test Report No.: 13545882H-A

Revision	Test report No.	Date	Page revised	Contents
- (Original)	13545882H-A	December 18, 2020	-	-
1	13545882H-A-R1	May 27, 2021	All pages	Change of Test report No. 13521383H-A → 13545882H-A-R1
1	13545882H-A-R1	May 27, 2021	P 5	Correction of Receipt Date of Sample in Section 2.1 October 2, 2016 → November 11, 2020
1	13545882H-A-R1	May 27, 2021	P 7	Deletion of below test specification in Section 4.1 Test Specification : KDB905462 D03 Client Without DFS New Rules v01r02 Title : U-NII CLIENT DEVICES WITHOUT RADAR DETECTION CAPABILITY
1	13545882H-A-R1	May 27, 2021	P 11	Addition of CAB identifier: JP0002 in Section 4.4
1	13545882H-A-R1	May 27, 2021	P 12	Correction of below value in Section 5.1 Power 80Mband : 16.32 dBm → 16.39 dBm Density 20Mband : 3.81 dBm/MHz → 4.15 dBm/MHz 40Mband : -1.25 dBm/MHz → -0.67 dBm/MHz 80Mband : -4.23 dBm/MHz → -2.80 dBm/MHz The highest power spectral density level is 3.81[dBm/MHz].→ The highest power spectral density level is 4.15[dBm/MHz].
1	13545882H-A-R1	May 27, 2021	P 12	Correction of Date of software in Section 5.1 November 19, 2020 → October 29, 2020
1	13545882H-A-R1	May 27, 2021	P 16	Correction of KDB number in SYSTEM CALIBRATION Step 1: Set the system as shown in Figure 2 of KDB905462 7.2.1.→ Step 1: Set the system as shown in Figure 2 of KDB905462 D02 7.2.1.

Reference: Abbreviations (Including words undescribed in this report)

A2LA	The American Association for Laboratory Accreditation	MCS	Modulation and Coding Scheme
AC	Alternating Current	MRA	Mutual Recognition Arrangement
AFH	Adaptive Frequency Hopping	N/A	Not Applicable
AM	Amplitude Modulation	NIST	National Institute of Standards and Technology
Amp, AMP	Amplifier	NS	No signal detect.
ANSI	American National Standards Institute	NSA	Normalized Site Attenuation
Ant, ANT	Antenna	NVLAP	National Voluntary Laboratory Accreditation Program
AP	Access Point	OBW	Occupied Band Width
ASK	Amplitude Shift Keying	OFDM	Orthogonal Frequency Division Multiplexing
Atten., ATT	Attenuator	P/M	Power meter
AV	Average	PCB	Printed Circuit Board
BPSK	Binary Phase-Shift Keying	PER	Packet Error Rate
BR	Bluetooth Basic Rate	PHY	Physical Layer
BT	Bluetooth	PK	Peak
BT LE	Bluetooth Low Energy	PN	Pseudo random Noise
BW	BandWidth	PRBS	Pseudo-Random Bit Sequence
Cal Int	Calibration Interval	PSD	Power Spectral Density
CCK	Complementary Code Keying	QAM	Quadrature Amplitude Modulation
Ch., CH	Channel	QP	Quasi-Peak
CISPR	Comite International Special des Perturbations Radioelectriques	QPSK	Quadri-Phase Shift Keying
CW	Continuous Wave	RBW	Resolution Band Width
DBPSK	Differential BPSK	RDS	Radio Data System
DC	Direct Current	RE	Radio Equipment
D-factor	Distance factor	RF	Radio Frequency
DFS	Dynamic Frequency Selection	RMS	Root Mean Square
DQPSK	Differential QPSK	RSS	Radio Standards Specifications
DSSS	Direct Sequence Spread Spectrum	Rx	Receiving
EDR	Enhanced Data Rate	SA, S/A	Spectrum Analyzer
EIRP, e.i.r.p.	Equivalent Isotropically Radiated Power	SG	Signal Generator
EMC	ElectroMagnetic Compatibility	SVSWR	Site-Voltage Standing Wave Ratio
EMI	ElectroMagnetic Interference	TR	Test Receiver
EN	European Norm	Tx	Transmitting
ERP, e.r.p.	Effective Radiated Power	VBW	Video BandWidth
EU	European Union	Vert.	Vertical
EUT	Equipment Under Test	WLAN	Wireless LAN
Fac.	Factor		
FCC	Federal Communications Commission		
FHSS	Frequency Hopping Spread Spectrum		
FM	Frequency Modulation		
Freq.	Frequency		
FSK	Frequency Shift Keying		
GFSK	Gaussian Frequency-Shift Keying		
GNSS	Global Navigation Satellite System		
GPS	Global Positioning System		
Hori.	Horizontal		
ICES	Interference-Causing Equipment Standard		
IEC	International Electrotechnical Commission		
IEEE	Institute of Electrical and Electronics Engineers		
IF	Intermediate Frequency		
ILAC	International Laboratory Accreditation Conference		
ISED	Innovation, Science and Economic Development Canada		
ISO	International Organization for Standardization		
JAB	Japan Accreditation Board		
LAN	Local Area Network		
LIMS	Laboratory Information Management System		

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SECTION 1: Customer information

Company Name	:	silex technology, Inc.
Address	:	2-3-1 Hikaridai, Seika-cho, Soraku-gun, Kyoto 619-0237, Japan
Telephone Number	:	+81-774-98-3878
Facsimile Number	:	+81-774-98-3758
Contact Person	:	Yoshinori Nakai

The information provided from the customer is as follows;

- Applicant, Type of EUT, Model Number of EUT, FCC ID on the cover and other relevant pages
- Operating/Test Mode(s) (Mode(s)) on all the relevant pages
- SECTION 1: Customer information
- SECTION 2: Equipment under test (EUT) other than the Receipt Date
- SECTION 4: Operation of EUT during testing

* The laboratory is exempted from liability of any test results affected from the above information in SECTION 2 and 4.

SECTION 2: Equipment under test (EUT)

2.1 Identification of EUT

Type	:	Embedded Wireless Module
Model Number	:	SX-USBAC
Serial Number	:	Refer to SECTION 4.2
Rating	:	Typ: DC 3.3 V (Min: DC 3.14 V to Max: DC 3.46 V)
Receipt Date	:	November 11, 2020
Country of Mass-production	:	Japan
Condition	:	Engineering prototype (Not for Sale: This sample is equivalent to mass-produced items.)
Modification	:	No Modification by the test lab

2.2 Product Description

Model: SX-USBAC (referred to as the EUT in this report) is a Embedded Wireless Module.

Radio Specification

Radio Type : Transceiver
Method of Frequency Generation : Synthesizer
Clock frequency (Maximum) : 48 MHz

Specification of Wireless LAN (IEEE802.11b/g/a/n-20/n-40/11ac-20/11ac-40/11ac-80)

	IEEE802.11b	IEEE802.11g/n (20 M band)	IEEE802.11a/n/ac *1) (20 M band)	IEEE802.11n/ac *1) (40 M band)	IEEE802.11ac *1) (80 M band)
Frequency of operation	2412 MHz - 2462 MHz	2412 MHz - 2462 MHz	5180 MHz - 5240 MHz 5260 MHz - 5320 MHz 5500 MHz - 5720 MHz 5745 MHz - 5825 MHz	2422 MHz - 2452 MHz 5190 MHz - 5230 MHz 5270 MHz - 5310 MHz 5510 MHz - 5710 MHz 5755 MHz - 5795 MHz	5210 MHz 5290 MHz 5530 MHz - 5690 MHz 5775 MHz
Type of modulation	DSSS (CCK, DQPSK, DBPSK)	OFDM-CCK (64QAM, 16QAM, QPSK, BPSK)	11a/n: OFDM (64QAM, 16QAM, QPSK, BPSK) 11ac: OFDM (64QAM, 16QAM, QPSK, BPSK, 256QAM)		
Channel spacing	5 MHz		20 MHz	40 MHz	80 MHz
Antenna type	PCB antenna				
Antenna Gain	2.4 GHz: 2 dBi 5 GHz: 3 dBi				

Bluetooth (Ver. 5.0 with EDR function)

	Bluetooth
Frequency of operation	2402 MHz - 2480 MHz
Type of modulation	BT: FHSS (GFSK, $\pi/4$ DQPSK, 8DPSK) LE: GFSK
Channel spacing	BT: 1 MHz LE: 2 MHz
Antenna type	PCB antenna
Antenna Gain	2 dBi

*1) This test report applies to WLAN (5 GHz band) part.

*Following channels are not used in Canada.

- 20 MHz Bandwidth (5600 MHz - 5640 MHz)
- 40 MHz Bandwidth (5590 MHz - 5630 MHz)
- 80 MHz Bandwidth (5610 MHz)

SECTION 3: Scope of Report

This report only covers DFS requirement, as specified by the following referenced procedures.

SECTION 4: Test specification, procedures & results

4.1 Test Specification

Test Specification	:	FCC Part 15 Subpart E FCC Part 15 final revised on June 26, 2020 and effective July 27, 2020 * The revision does not affect the test result conducted before its effective date.
Title	:	FCC 47CFR Part15 Radio Frequency Device Subpart E Unlicensed National Information Infrastructure Devices Section 15.407 General technical requirements
Test Specification	:	KDB905462 D02 UNII DFS Compliance Procedures New Rules v02
Title	:	COMPLIANCE MEASUREMENT PROCEDURES FOR UNLICENSED- NATIONAL INFORMATION INFRASTRUCTURE DEVICES OPERATING IN THE 5250-5350MHz AND 5470-5725MHz BANDS INCORPORATING DYNAMIC FREQUENCY SELECTION

FCC Part 15.31 (e)

This EUT provides stable voltage constantly to RF Module regardless of input voltage.
Therefore, this EUT complies with the requirement.

FCC Part 15.203 Antenna requirement

The antenna is not removable from the EUT.
Therefore, the equipment complies with the antenna requirement of Section 15.203.

4.2 Procedures and results

Table 1: Applicability of DFS Requirements

Requirement	Operating Mode	Test Procedures & Limits	Deviation	Results
	Master			
U-NII Detection Bandwidth	Yes	KDB905462 D02 UNII DFS Compliance Procedures New Rules v02	N/A	Complied a)
Initial Channel Availability Check Time	Yes	FCC15.407 (h)	N/A	Complied b)
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 6.3		
Radar Burst at the Beginning of the Channel Availability Check Time	Yes	FCC15.407 (h)	N/A	Complied c)
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 6.3		
Radar Burst at the End of the Channel Availability Check Time	Yes	FCC15.407 (h)	N/A	Complied d)
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 6.3		
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time	Yes	FCC15.407 (h)	N/A	Complied e)
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 6.3		
In-Service Monitoring for Non-Occupancy period	Yes	FCC15.407 (h)	N/A	Complied f)
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 6.3		
Statistical Performance Check	Yes	FCC15.407 (h)	N/A	Complied g)
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
Note: UL Japan, Inc.’s EMI Work Procedures No. 13-EM-W0422.				
a) Refer to SECTION 6, clause 6.3				
b) Refer to SECTION 7, clause 7.3				
c) Refer to SECTION 8, clause 8.3				
d) Refer to SECTION 9, clause 9.3				
e) Refer to SECTION 10, clause 10.3				
f) Refer to SECTION 11, clause 11.3				
g) Refer to SECTION 12, clause 12.3				
Symbols:				
Complied	The data of this test item has enough margin, more than the measurement uncertainty.			
Complied#	The data of this test item meets the limits unless the measurement uncertainty is taken into consideration.			

Table 2 DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

Maximum Transmit Power	Value (See Notes 1,2, and 3)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt and power spectral density < 10dBm/MHz	-62 dBm
< 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note 3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

Table 3 DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2
U-NII Detection Bandwidth	Minimum 100 % of the U-NII 99 % transmission power bandwidth See Note 3
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signal will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

Table 4 Short Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A	Roundup{(1/360)* (19*10 ⁶ /PRI μsec)}	60 %	30
2	1-5	150-230	23-29	60 %	30
3	6-10	200-500	16-18	60 %	30
4	11-20	200-500	12-16	60 %	30
Aggregate (Rader Types 1-4)				80 %	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

Table 5 Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chip Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Burst	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5 - 20	1000-2000	1-3	8-20	80 %	30

Table 6 Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulse per Hop (kHz)	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70 %	30

4.3 Addition to standard

No addition, exclusion nor deviation has been made from the standard.

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4.4 Test Location

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*A2LA Certificate Number: 5107.02 / FCC Test Firm Registration Number: 199967

ISED Lab Company Number: 2973C / CAB identifier: JP0002

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Test site	Width x Depth x Height (m)	Size of reference ground plane (m) / horizontal conducting plane	Other rooms	Maximum measurement distance
No.1 semi-anechoic chamber	19.2 x 11.2 x 7.7	7.0 x 6.0	No.1 Power source room	10 m
No.2 semi-anechoic chamber	7.5 x 5.8 x 5.2	4.0 x 4.0	-	3 m
No.3 semi-anechoic chamber	12.0 x 8.5 x 5.9	6.8 x 5.75	No.3 Preparation room	3 m
No.3 shielded room	4.0 x 6.0 x 2.7	N/A	-	-
No.4 semi-anechoic chamber	12.0 x 8.5 x 5.9	6.8 x 5.75	No.4 Preparation room	3 m
No.4 shielded room	4.0 x 6.0 x 2.7	N/A	-	-
No.5 semi-anechoic chamber	6.0 x 6.0 x 3.9	6.0 x 6.0	-	-
No.5 measurement room	6.4 x 6.4 x 3.0	6.4 x 6.4	-	-
No.6 shielded room	4.0 x 4.5 x 2.7	4.0 x 4.5	-	-
No.6 measurement room	4.75 x 5.4 x 3.0	4.75 x 4.15	-	-
No.7 shielded room	4.7 x 7.5 x 2.7	4.7 x 7.5	-	-
No.8 measurement room	3.1 x 5.0 x 2.7	3.1 x 5.0	-	-
No.9 measurement room	8.8 x 4.6 x 2.8	2.4 x 2.4	-	-
No.10 shielded room	3.8 x 2.8 x 2.8	3.8 x 2.8	-	-
No.11 measurement room	4.0 x 3.4 x 2.5	N/A	-	-
No.12 measurement room	2.6 x 3.4 x 2.5	N/A	-	-

4.5 Uncertainty

The following uncertainties have been calculated to provide a confidence level of 95% using a coverage factor k=2.
Time Measurement uncertainty for this test was: (±) 0.012%

4.6 Test instruments of DFS and Test set up

Refer to APPENDIX.

SECTION 5: Operation of EUT during testing

5.1 Operating Modes

The EUT, which is a Master, operates over the W53 and W56 Band.

The highest power level is 17.05[dBm] EIRP.

Power level(EIRP) of the EUT[dBm]

Power level (Max)		
20Mband	40Mband	80Mband
17.05	15.66	16.39

The highest power spectral density level is 4.15[dBm/MHz].

Power spectral density level (Conducted) of the EUT[dBm/MHz]

Power spectral density level (Max)		
20Mband	40Mband	80Mband
4.15	-0.67	-2.80

*Refer to 13545882H-C FCC Part 15E (FCC 15.407) report for other parts than DFS.

(For test report(s) referred in this report, the latest version (including any revisions) is always referred.)

The channel-loading of approximately 17% or greater was used for testing, and its test data was transferred from the Master Device to the Client Device for all test configurations.

The EUT utilizes the 802.11a/n/ac architecture, with a 20MHz, 40MHz and 80MHz channel bandwidth.

The lowest antenna assembly gain of all available antenna assemblies is 0.00 dBi.

1. In case of Master mode

The rated output power of the Master Device is <200mW(23dBm) and power spectral density of the Master Device is <10dBm/MHz. Therefore the required interference threshold level is -62 dBm. After correction for antenna gain and procedural adjustments, the required conducted threshold at the antenna port is $-62 + 1 + 0 = -61$ dBm (threshold level + additional 1dB + antenna gain).

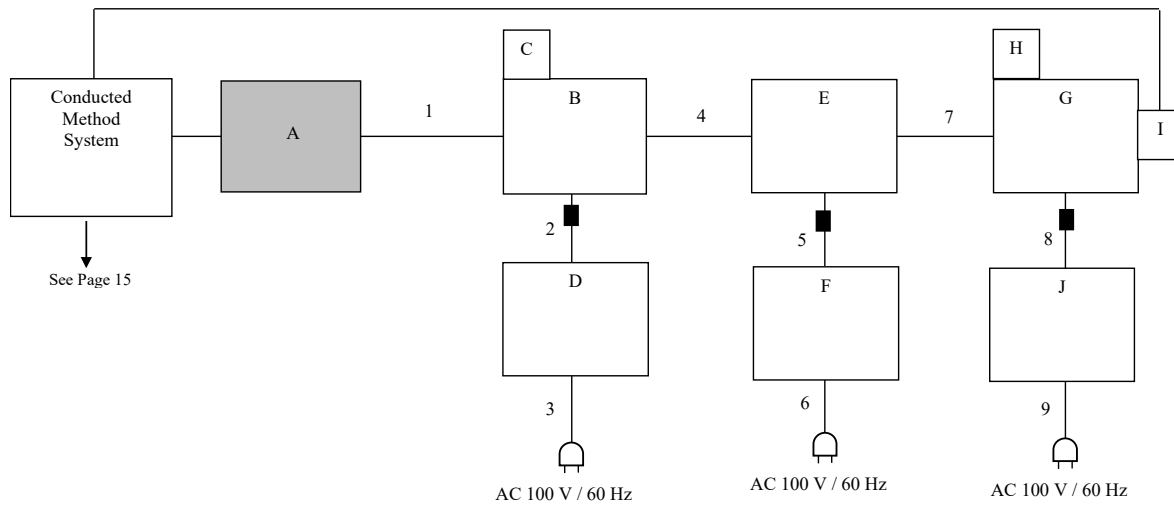
It is impossible for users to change DFS control, because the DFS function is written on the firmware and users cannot access it.

The EUT was set by the software as follows:

Software name & version: HY103880XX

(Date: October 29, 2020, Storage location: Driven by connected PC)

5.2 Configuration and peripherals



Description of EUT and Support equipment

No.	Item	Model number	Serial number	Manufacturer	Remarks
A	Embedded Wireless Module	SX-USBAC	84253F015B21	silex technology, Inc.	EUT
B	Jig Board	SX07342	TR18272106	silex technology, Inc.	-
C	SD Card	MX6Q-SDB	SX04415	SanDisk Corporation	-
D	AC Adapter	ATS030-A050	SX03168	Sceptre	-
E	Laptop PC	CF-SZ5	7DKSA75866	Panasonic Corporation	-
F	AC Adapter	CF-AA64L2C M1	64L2CM117245688 A	Panasonic Corporation	-
G	Jig Board	SX07076	TR18272093	silex technology, Inc.	-
H	SD Card	MX6Q-SDB	SX04418	SanDisk Corporation	-
I	Embedded Wireless Module	SX-SDMAC-2832S	84253F0156BA	silex technology, Inc.	-
J	AC Adapter	ATS036T-A050	SX07220	Sceptre	-

List of cables used

No.	Name	Length (m)	Shield		Remarks
			Cable		
1	USB Cable	0.6	Shielded	Shielded	-
2	DC Cable	1.0	Unshielded	Unshielded	-
3	AC Cable	1.8	Unshielded	Unshielded	-
4	USB Cable	0.9	Shielded	Shielded	-
5	DC Cable	0.9	Unshielded	Unshielded	-
6	AC Cable	0.8	Unshielded	Unshielded	-
7	USB Cable	1.0	Shielded	Shielded	-
8	DC Cable	1.0	Unshielded	Unshielded	-
9	AC Cable	1.8	Unshielded	Unshielded	-

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5.3 Test and Measurement System

SYSTEM OVERVIEW

The measurement system is based on a conducted test method.

The software selects waveform parameters from within the bounds of the signal type on a random basis using uniform distribution. The short pulse types 1, 2, 3, and 4, the long pulse type 5, and the frequency hopping type 6 parameters are randomized at run-time.

The signal monitoring equipment consists of a spectrum analyzer with the capacity to display 8001 bins on the horizontal axis. A time-domain resolution of 2 msec/bin is achievable with a 16 second sweep time, meeting the 10 seconds short pulse reporting criteria. The aggregate ON time is calculated by multiplying the number of bins above a threshold during a particular observation period by the dwell time per bin, with the analyzer set to peak detection.

FREQUENCY HOPPING RADAR WAVEFORM GENERATING SUBSYSTEM

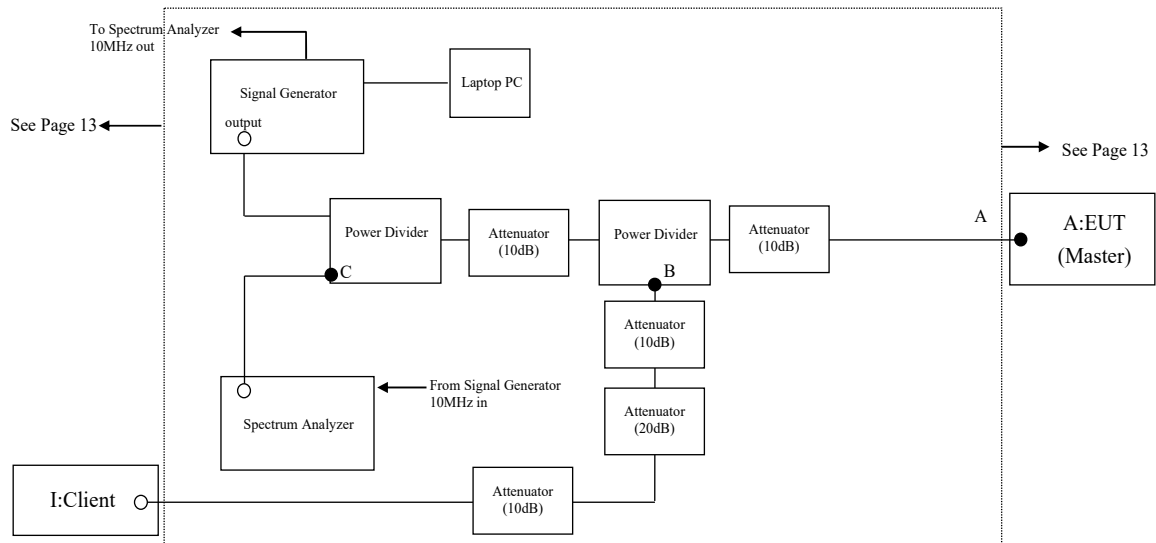
The first 100 frequencies are selected out of the hopping sequence of the randomized 475 hop frequencies.

Only a *Burst* that has the frequency falling within the receiver bandwidth of the tested U-NII device is selected among those frequencies. (Frequency-domain simulation). The radar waveform generated at the start time of the selected *Burst* (Time-domain simulation) is download to the Signal Generator.

If all of the randomly selected 100 frequencies do not fall within the receiver bandwidth of the U-NII device, the radar waveform is not used for the test.

CONDUCTED METHODS SYSTEM BLOCK DIAGRAM

<Master mode>



MEASUREMENT SYSTEM FREQUENCY REFERENCE

Lock the signal generator and the spectrum analyzer to the same reference sources as follows: Connect the 10 MHz OUT on the signal generator to the EXT REF IN on the spectrum analyzer and set the spectrum analyzer Ext to On.

SYSTEM CALIBRATION

Step 1: Set the system as shown in Figure 2 of KDB905462 D02 7.2.1.

Step 2: Adjust each attenuator to fulfill the following three conditions:

- WLAN can be communicated, and
- Rader detection threshold level is bigger than Client Device traffic level on the spectrum analyzer, and
- Client Device traffic level is not displayed on the spectrum analyzer.

Step 3: Terminate 50 ohm at B and C points, and connect the spectrum analyzer to the point A. (See the figure on page 15)

At the point A, adjust the signal generator and spectrum analyzer to the center frequency of the channel to be measured.

Download the applicable radar waveforms to the signal generator. Select the radar waveform, trigger a burst manually and measure the amplitude on the spectrum analyzer. Readjust the amplitude of the signal generator as required so that the peak level of the waveform is at a displayed level equal to the required or desired interference detection threshold.

Separate signal generator amplitude settings are determined as required for each radar type.

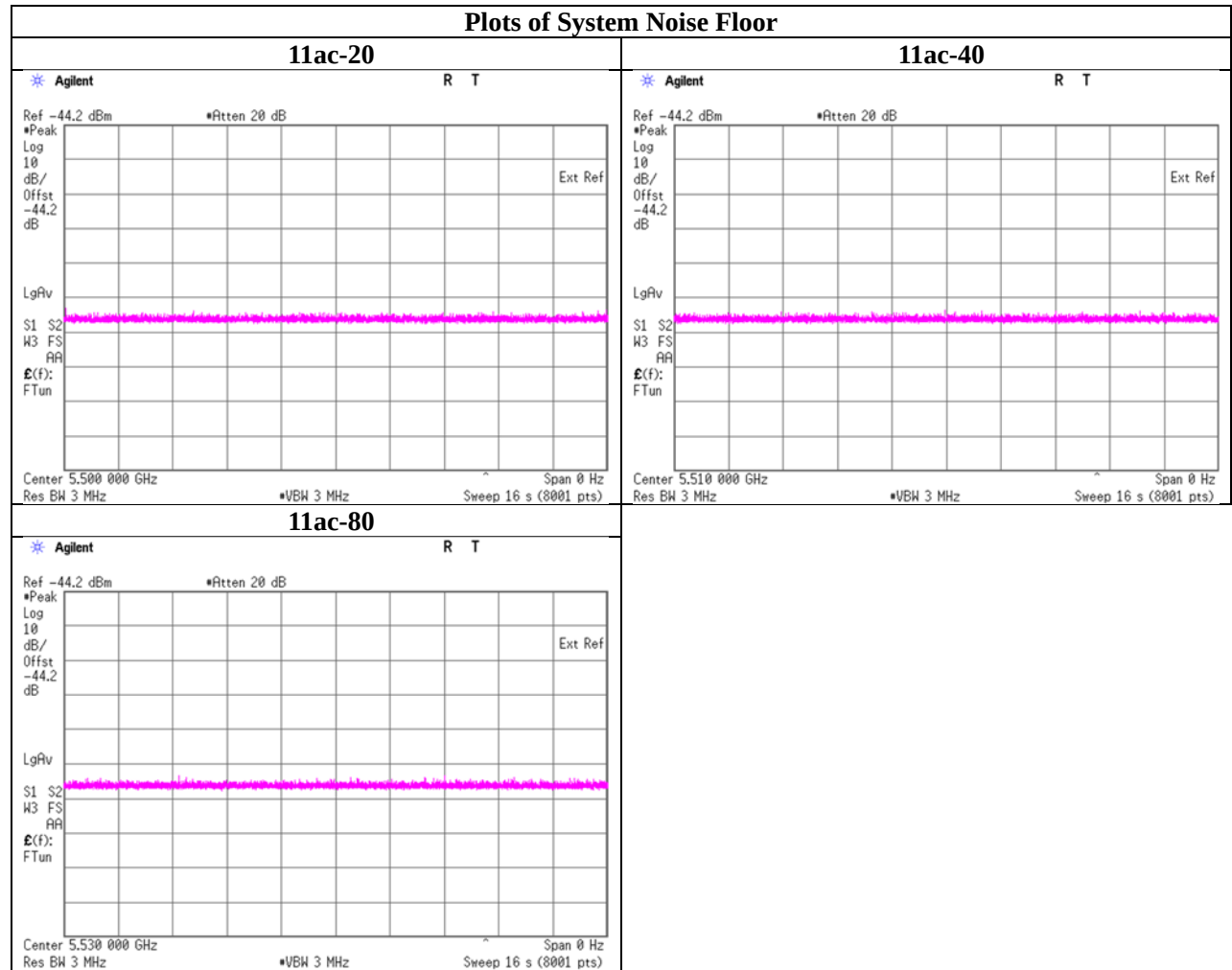
Step 4: Without changing any of the instrument settings, restore the system setting to Step 2 and adjust the Reference Level Offset of the spectrum analyzer to the level at Step 3.

By taking the above steps 1 to 4, the spectrum analyzer displays the level of the signal generator as received at the antenna ports of the Master Device.

See Clause 5.4 for Plots of Noise, Rader Waveforms, and WLAN signals.

5.4 Plots of Noise, Rader Waveforms, and WLAN signals

<Master mode>



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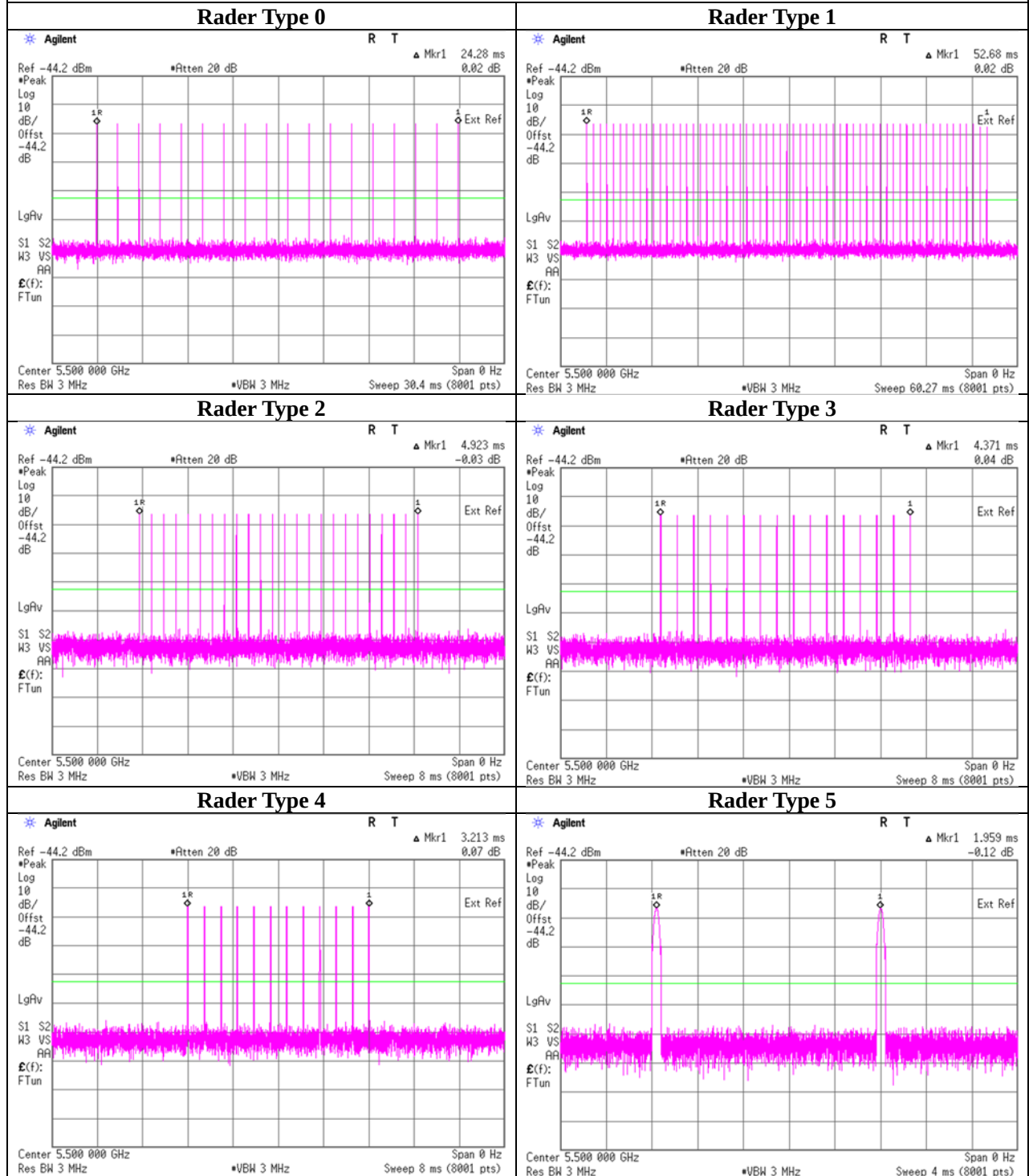
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Plots of Radar Waveforms



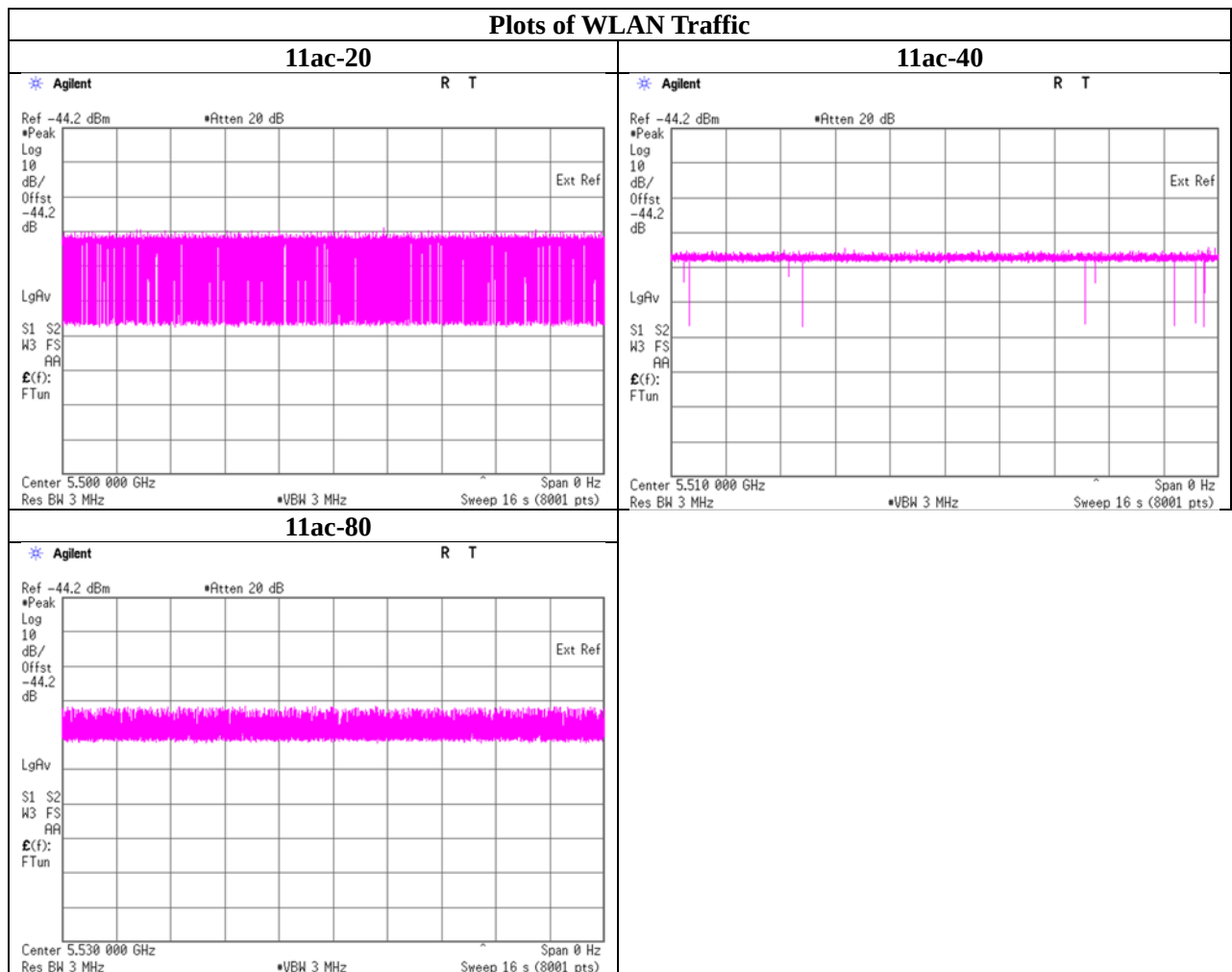
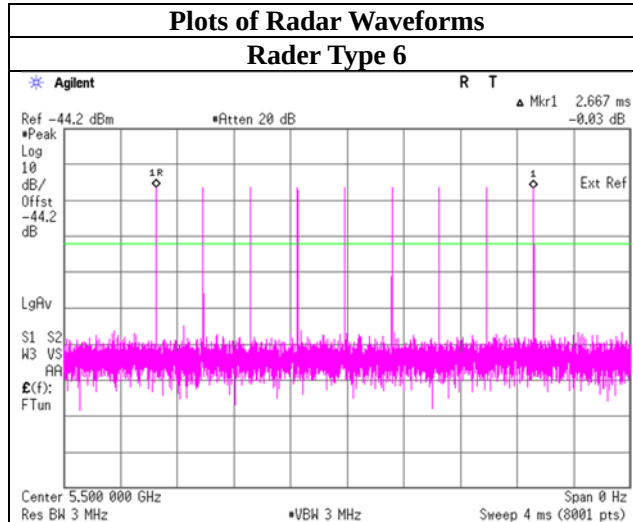
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SECTION 6: U-NII Detection Bandwidth

6.1 Operating environment

Test place	Ise EMC Lab.No.6 Shielded Room
Date	11/19/2020
Temperature/ Humidity	24 deg. C / 51 % RH
Engineer	Takafumi Noguchi
Mode	11ac-20 / 11ac-40 / 11ac-80

6.2 Test Procedure

Adjust the equipment to produce a single Burst of the Short Pulse Radar Type 0 at the center frequency of the EUT Operating Channel at the specified DFS Detection Threshold level.

Set the EUT up as a standalone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio reflecting the worst case (maximum) that is user configurable during this test.

Generate a single radar Burst, and note the response of the EUT. Repeat for a minimum of 10 trials. The EUT must detect the Radar Waveform within the DFS band using the specified U-NII Detection Bandwidth criterion. In cases where the channel bandwidth may exceed past the DFS band edge on specific channels (i.e., 802.11ac or wideband frame based systems) select a channel that has the entire emission bandwidth within the DFS band. If this is not possible, test the detection BW to the DFS band edge.

Starting at the center frequency of the EUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as FH) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above FH is not required to demonstrate compliance.

Starting at the center frequency of the EUT operating Channel, decrease the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as FL) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below FL is not required to demonstrate compliance.

The U-NII Detection Bandwidth is calculated as follows:

U-NII Detection Bandwidth = FH – FL

Radar detection is observed by two techniques.

- a). Monitoring LAN traffic with Spectrum Analyzer.
- b). Indicator of EUT and PC connected to EUT

6.3 Test data

5500MHz (11ac-20)

Waveform: Radar Type 0

FL [MHz]	FH [MHz]	Detection Bandwidth [MHz]	99% Power Bandwidth [MHz]	Ratio of Detection BW to 99% Power BW [%]	Limit [%]	Results
5490	5510	20	17.4744	114.5	100	Pass

5510MHz (11ac-40)

Waveform: Radar Type 0

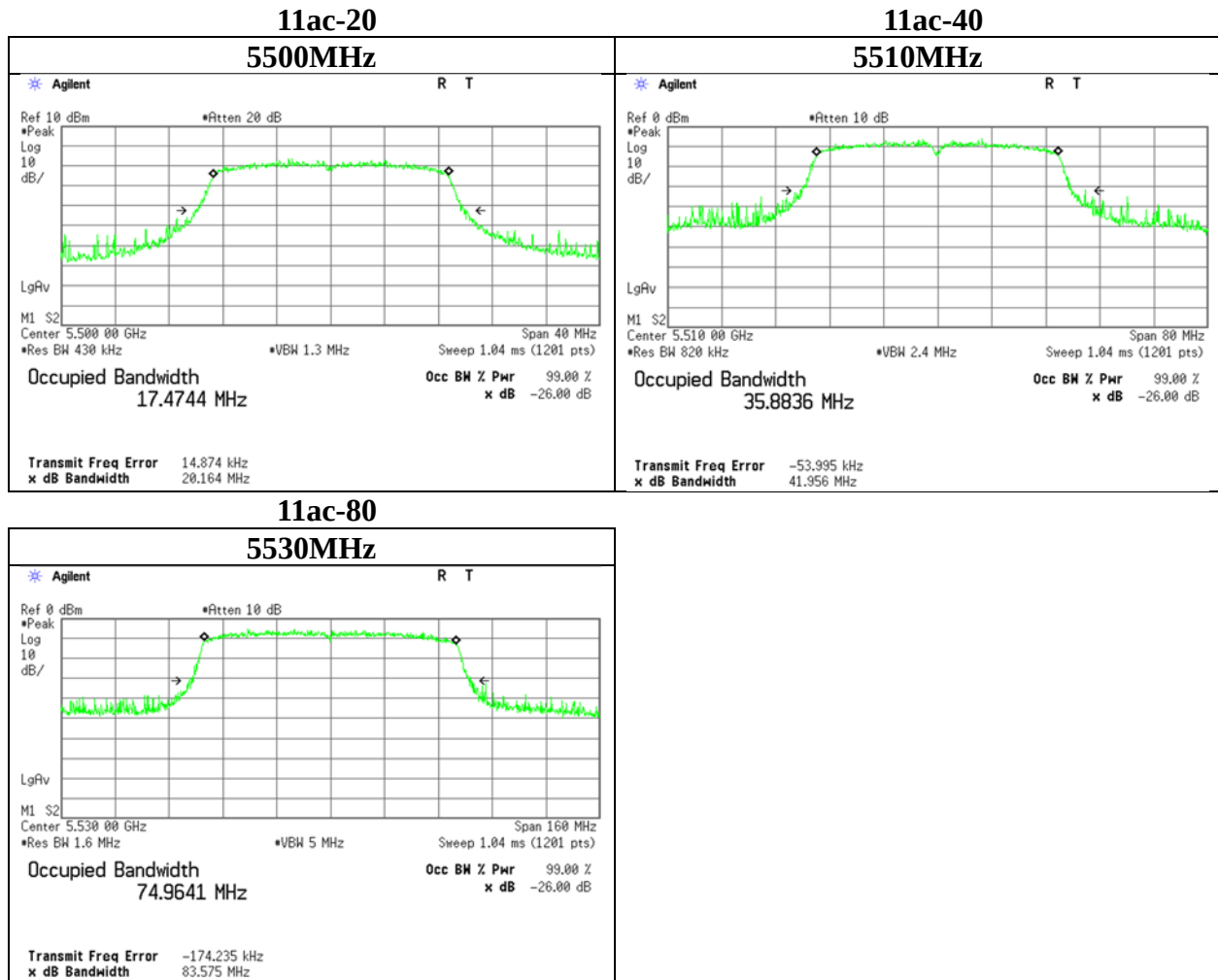
FL [MHz]	FH [MHz]	Detection Bandwidth [MHz]	99% Power Bandwidth [MHz]	Ratio of Detection BW to 99% Power BW [%]	Limit [%]	Results
5491	5529	38	35.8836	105.9	100	Pass

5530MHz (11ac-80)

Waveform: Radar Type 0

FL [MHz]	FH [MHz]	Detection Bandwidth [MHz]	99% Power Bandwidth [MHz]	Ratio of Detection BW to 99% Power BW [%]	Limit [%]	Results
5490	5570	80	74.9641	106.7	100	Pass

99 % Occupied Bandwidth



6.4 Test result

Test result: Pass

Refer to 13521383H-C FCC Part 15E (FCC 15.407) report for occupied bandwidth.
(For test report(s) referred in this report, the latest version (including any revisions) is always referred.)

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SECTION 7: Initial Channel Availability Check Time

7.1 Operating environment

Test place	Ise EMC Lab.No.6 Shielded Room
Date	11/24/2020
Temperature/ Humidity	24 deg. C / 40 % RH
Engineer	Takafumi Noguchi
Mode	11ac-20

7.2 Test Procedure

The Initial Channel Availability Check Time tests that the EUT does not emit beacon, control, or data signals on the test Channel until the power-up sequence has been completed and the U-NII device checks for Radar Waveforms for one minute on the test Channel.

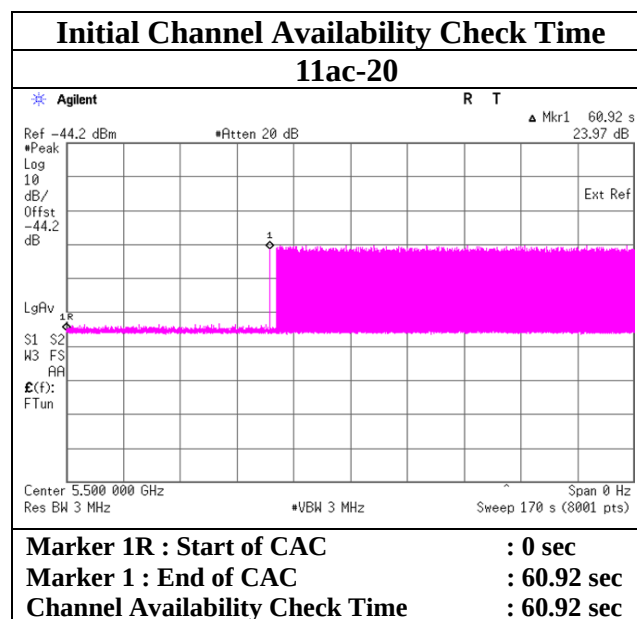
This test does not use any Radar Waveforms and only needs to be performed one time.

The U-NII devices will be powered on and be instructed to operate on the appropriate U-NII Channel that must incorporate DFS functions. At the same time the EUT is powered on, the spectrum analyzer will be set to zero span mode with a 3 MHz RBW and 3 MHz VBW on the Channel occupied by the radar (Chr) with a 2.5 minute sweep time.

The spectrum analyzer's sweep will be started at the same time power is applied to the U-NII device.

The EUT should not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle.

7.3 Test data



7.4 Test result

Test result: Pass

SECTION 8: Radar Burst at the Beginning of the Channel Availability Check Time

8.1 Operating environment

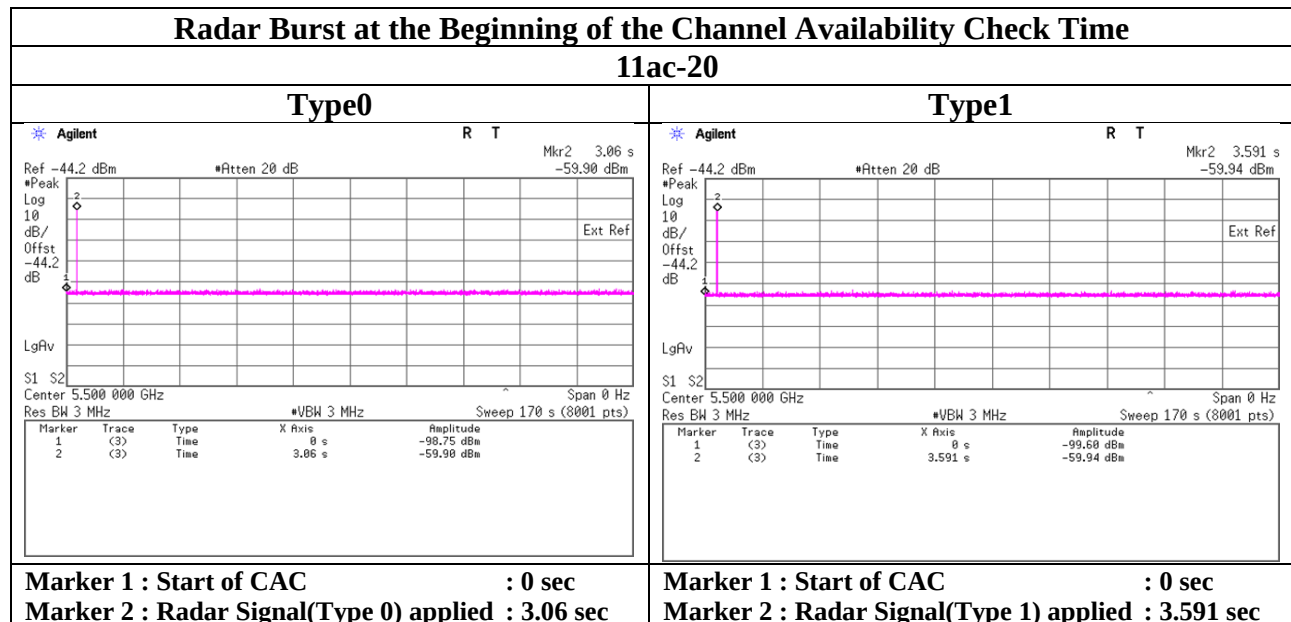
Test place	Ise EMC Lab.No.6 Shielded Room
Date	11/24/2020
Temperature/ Humidity	24 deg. C / 40 % RH
Engineer	Takafumi Noguchi
Mode	11ac-20

8.2 Test Procedure

A single Burst of the Short Pulse Radar Types 0-4 will commence within a 6 second window starting at Start of CAC. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.

Verify that during the 2.5 minute measurement window no EUT transmissions occurred on Chr.

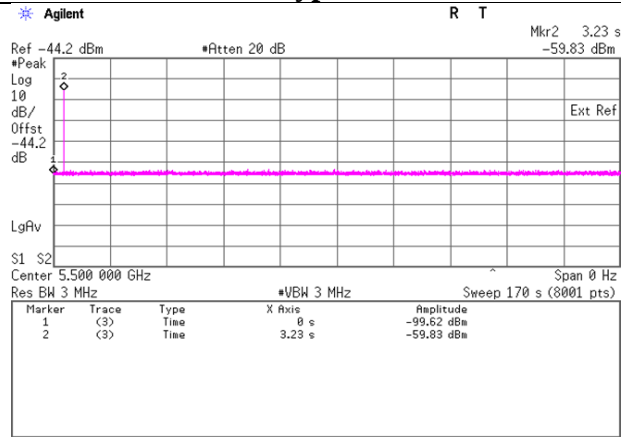
8.3 Test data



Radar Burst at the Beginning of the Channel Availability Check Time

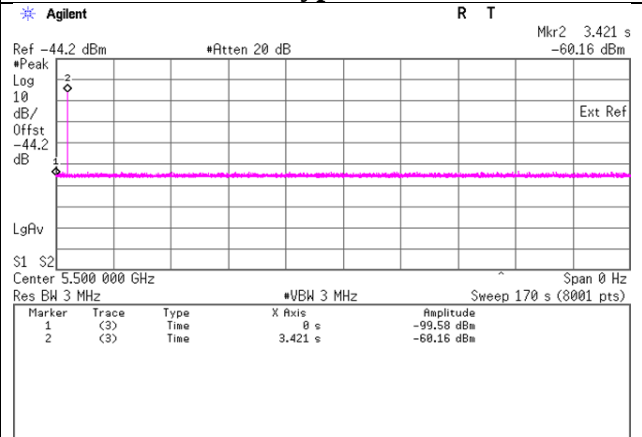
11ac-20

Type2



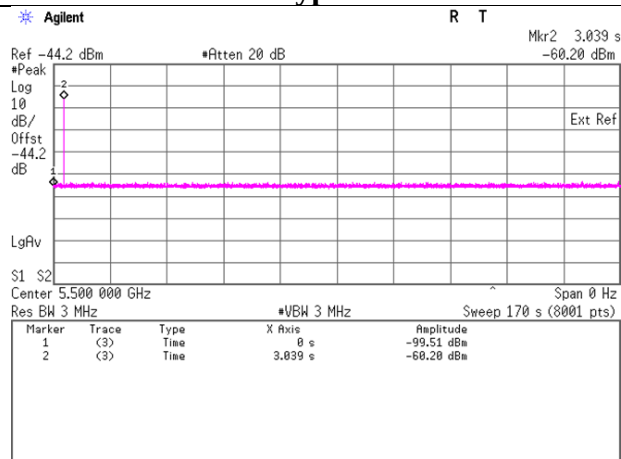
Marker 1 : Start of CAC : 0 sec
Marker 2 : Radar Signal(Type 2) applied : 3.23 sec

Type3



Marker 1 : Start of CAC : 0 sec
Marker 2 : Radar Signal(Type 3) applied : 3.421 sec

Type4



Marker 1 : Start of CAC : 0 sec
Marker 2 : Radar Signal(Type 4) applied : 3.039 sec

8.4 Test result

Test result: Pass

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SECTION 9: Radar Burst at the End of the Channel Availability Check Time

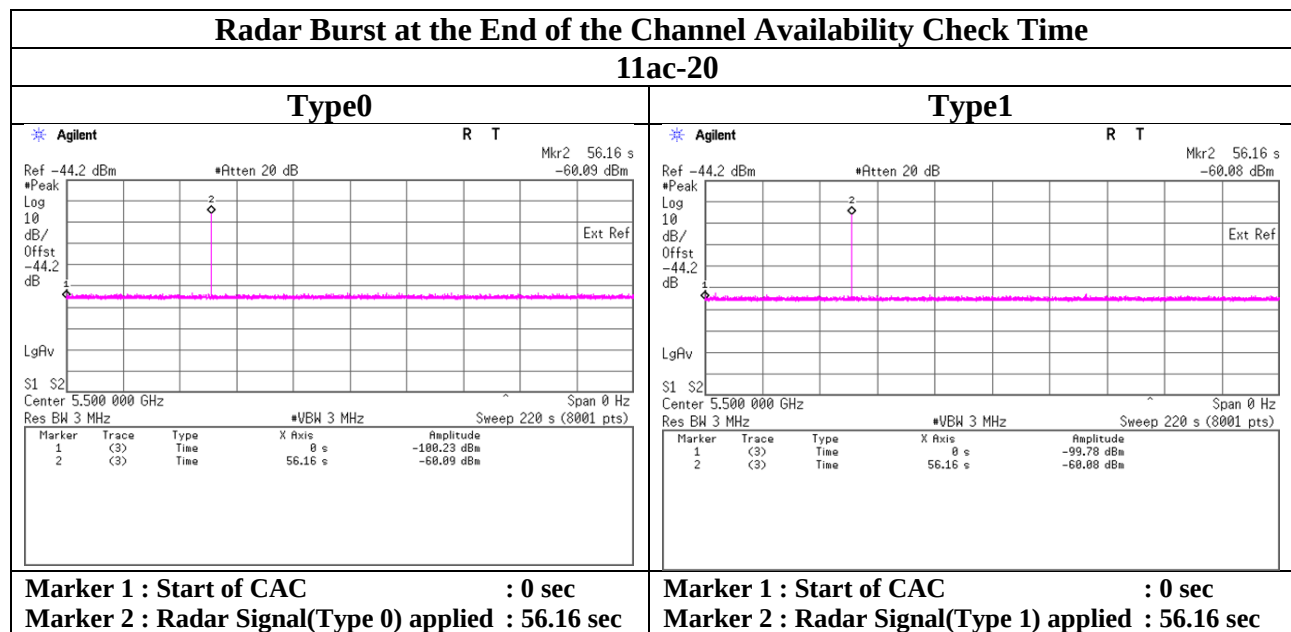
9.1 Operating environment

Test place : Ise EMC Lab.No.6 Shielded Room
Date : 11/24/2020
Temperature/ Humidity : 24 deg. C / 40 % RH
Engineer : Takafumi Noguchi
Mode : 11ac-20

9.2 Test Procedure

A single Burst of the Short Pulse Radar Types 0-4 will commence within a 6 second window starting at Start of CAC + 54 seconds. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
Verify that during the 2.5 minute measurement window no EUT transmissions occurred on Chr.

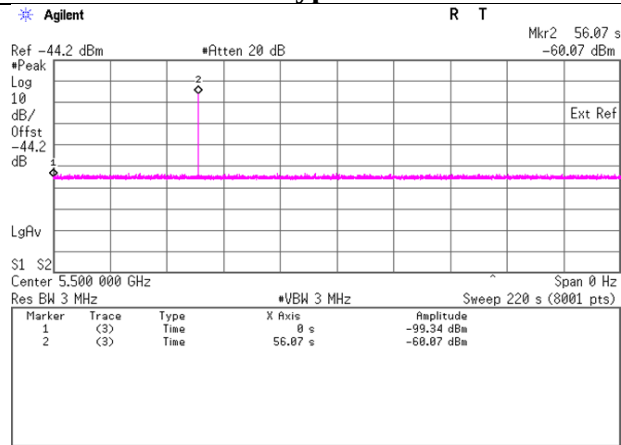
9.3 Test data



Radar Burst at the End of the Channel Availability Check Time

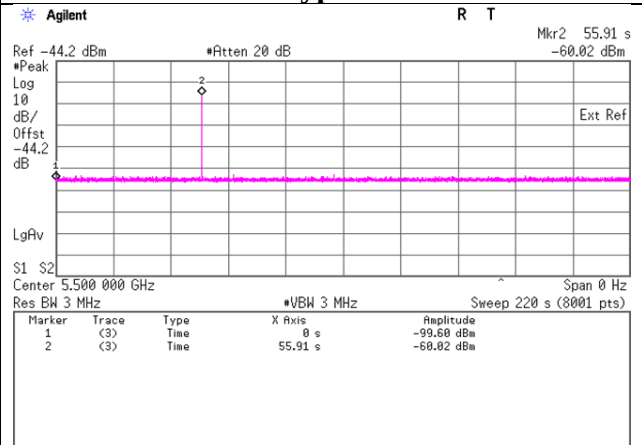
11ac-20

Type2



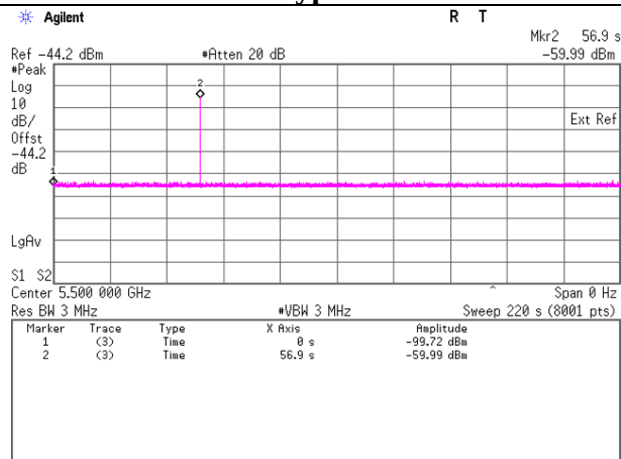
Marker 1 : Start of CAC : 0 sec
Marker 2 : Radar Signal(Type 2) applied : 56.07 sec

Type3



Marker 1 : Start of CAC : 0 sec
Marker 2 : Radar Signal(Type 3) applied : 55.91 sec

Type4



Marker 1 : Start of CAC : 0 sec
Marker 2 : Radar Signal(Type 4) applied : 56.9 sec

9.4 Test result

Test result: Pass

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SECTION 10: Channel Move Time, Channel Closing Transmission Time

10.1 Operating environment

Test place	Ise EMC Lab.No.6 Shielded Room
Date	11/25/2020
Temperature/ Humidity	24 deg. C / 39 % RH
Engineer	Takafumi Noguchi
Mode	11ac-80

10.2 Test Procedure

Transmit the data from the Master Device to the Client Device on the test Channel for the entire period of the test. The Radar Waveform generator sends a Burst of pulses for one of the Radar Types 0 at levels defined on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.

Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds.

10.3 Test data

<Master Device>

11ac-80

Test Item	Unit	Measurement Time	Limit	Results
Channel Move Time *1)	[sec]	1.084	10.000	Pass
Channel Closing Transmission Time *2)	[msec]	12	60	Pass

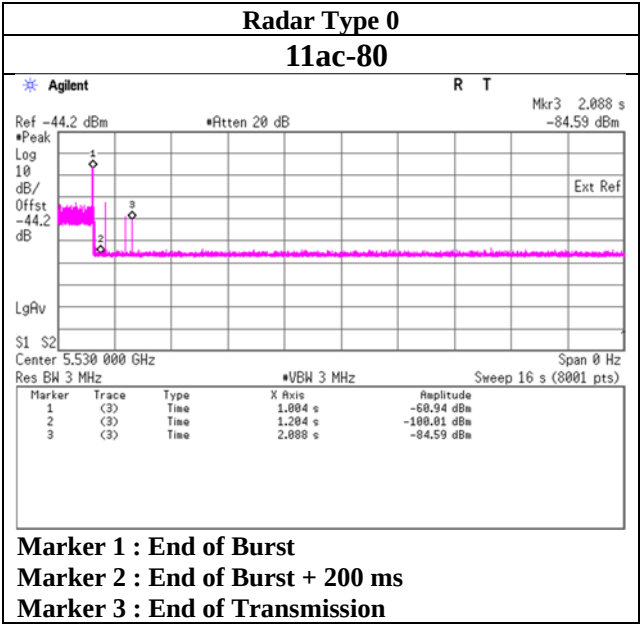
*1) Channel Move Time is calculated as follows:

(Channel Move Time) = (End of Transmission) - (End of Burst) = 2.088-1.004

*2) Channel Closing Transmission Time is calculated from (End of Burst + 200msec) to (End of Burst + 10sec)

(Channel Closing Transmission Time) = (Number of analyzer bins showing transmission) × (dwell time per bin)
= 6 × 2 [msec]

<Master mode>



10.4 Test result

Test result: Pass

SECTION 11: Non-Occupancy Period

11.1 Operating environment

Test place	Ise EMC Lab.No.6 Shielded Room
Date	11/24/2020
Temperature/ Humidity	24 deg. C / 40 % RH
Engineer	Takafumi Noguchi
Mode	11ac-20

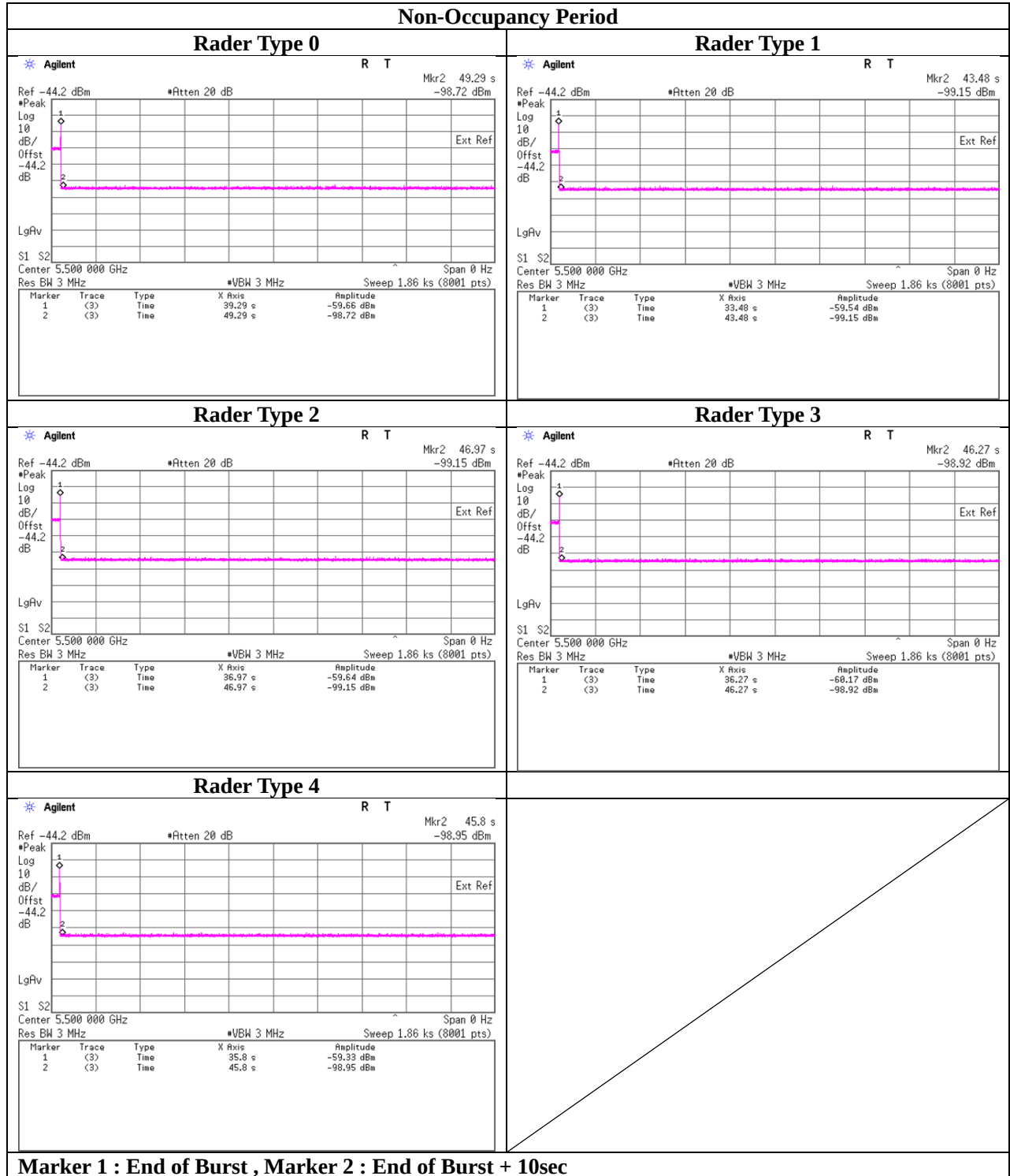
11.2 Test Procedure

The following two tests are performed:

1). Transmit the data from the Master Device to the Client Device on the test Channel for the entire period of the test. The Radar Waveform generator sends a Burst of pulses for one of the Radar Types 0-4(Master Device) or the Radar Types 0(Client Device) at levels defined on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors. Observe the transmissions of the EUT after the Channel Move Time on the Operating Channel for duration greater than 30 minutes.

11.3 Test data

<Master mode>



11.4 Test result

Test result: Pass

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SECTION 12: In-Service Monitoring(Statistical Performance Check)

12.1 Operating environment

Test place	Ise EMC Lab.No.6 Shielded Room
Date	11/19/2020
Temperature/ Humidity	24 deg. C / 51 % RH
Engineer	Takafumi Noguchi
Mode	11ac-20 / 11ac-40 / 11ac-80

12.2 Test Procedure

Transmit the data from the Master Device to the Client Device on the test Channel for the entire period of the test. Radar Waveform generator sends the individual waveform for each of the Radar Types 1-6, at levels defined, on the Operating Channel. An additional 1dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.

Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 10 seconds for Short Pulse Radar Types 1-4 and 6 to ensure detection occurs.

Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 22 seconds for Long Pulse Radar Type 5 to ensure detection occurs.

Radar detection is observed by two techniques.

- a). Monitoring LAN traffic with Spectrum Analyzer.
- b). Indicator of PC connected to EUT

12.3 Test data

5500MHz (11ac-20)

Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections [%]	Limit [%]	Results
1	30	30	100.00	60	Pass
2	30	30	100.00	60	Pass
3	30	30	100.00	60	Pass
4	30	30	100.00	60	Pass
Aggregate of 1 to 4	-	-	100.00	80	Pass
5	30	29	96.67	80	Pass
6	30	30	100.00	70	Pass

5510MHz (11ac-40)

Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections [%]	Limit [%]	Results
1	30	30	100.00	60	Pass
2	30	30	100.00	60	Pass
3	30	30	100.00	60	Pass
4	30	30	100.00	60	Pass
Aggregate of 1 to 4	-	-	100.00	80	Pass
5	30	30	100.00	80	Pass
6	30	30	100.00	70	Pass

5530MHz (11ac-80)

Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections [%]	Limit [%]	Results
1	30	30	100.00	60	Pass
2	30	26	86.67	60	Pass
3	30	30	100.00	60	Pass
4	30	29	96.67	60	Pass
Aggregate of 1 to 4	-	-	95.83	80	Pass
5	30	30	100.00	80	Pass
6	30	30	100.00	70	Pass

12.4 Test result

Test result: Pass

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APPENDIX 1: Data of DFS test

U-NII Detection Bandwidth

5500MHz (11ac-20)

Frequency [MHz]	Number of Trials [Times]	Number of Detected [Times]	Ratio of Detected [%]	Mark
5490	10	10	100	FL
5491	10	10	100	
5492	10	10	100	
5493	10	10	100	
5494	10	10	100	
5495	10	10	100	
5500	10	10	100	
5505	10	10	100	
5506	10	10	100	
5507	10	10	100	
5508	10	10	100	
5509	10	10	100	
5510	10	10	100	FH

5510MHz (11ac-40)

Frequency [MHz]	Number of Trials [Times]	Number of Detected [Times]	Ratio of Detected [%]	Mark
5491	10	10	100	FL
5492	10	10	100	
5493	10	10	100	
5494	10	10	100	
5495	10	10	100	
5500	10	10	100	
5505	10	10	100	
5510	10	10	100	
5515	10	10	100	
5520	10	10	100	
5525	10	10	100	
5526	10	10	100	
5527	10	10	100	
5528	10	10	100	
5529	10	10	100	FH

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5530MHz (11ac-80)

Frequency [MHz]	Number of Trials [Times]	Number of Detected [Times]	Ratio of Detected [%]	Mark
5490	10	10	100	FL
5491	10	10	100	
5492	10	10	100	
5493	10	10	100	
5494	10	10	100	
5495	10	10	100	
5500	10	10	100	
5505	10	10	100	
5510	10	10	100	
5515	10	10	100	
5520	10	10	100	
5525	10	10	100	
5530	10	10	100	
5535	10	10	100	
5540	10	10	100	
5545	10	10	100	
5550	10	10	100	
5555	10	10	100	
5560	10	10	100	
5565	10	10	100	
5566	10	10	100	
5567	10	10	100	
5568	10	10	100	
5569	10	10	100	
5570	10	10	100	FH

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Statistical Performance Check

5500MHz (11ac-20)

Trial ID	Radar Type1	Radar Type2	Radar Type3	Radar Type4	Radar Type5	Radar Type6
	Detection	Detection	Detection	Detection	Detection	Detection
	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
0	Yes	Yes	Yes	Yes	Yes	Yes
1	Yes	Yes	Yes	Yes	Yes	Yes
2	Yes	Yes	Yes	Yes	Yes	Yes
3	Yes	Yes	Yes	Yes	Yes	Yes
4	Yes	Yes	Yes	Yes	Yes	Yes
5	Yes	Yes	Yes	Yes	Yes	Yes
6	Yes	Yes	Yes	Yes	Yes	Yes
7	Yes	Yes	Yes	Yes	Yes	Yes
8	Yes	Yes	Yes	Yes	Yes	Yes
9	Yes	Yes	Yes	Yes	Yes	Yes
10	Yes	Yes	Yes	Yes	Yes	Yes
11	Yes	Yes	Yes	Yes	Yes	Yes
12	Yes	Yes	Yes	Yes	Yes	Yes
13	Yes	Yes	Yes	Yes	Yes	Yes
14	Yes	Yes	Yes	Yes	Yes	Yes
15	Yes	Yes	Yes	Yes	Yes	Yes
16	Yes	Yes	Yes	Yes	Yes	Yes
17	Yes	Yes	Yes	Yes	No	Yes
18	Yes	Yes	Yes	Yes	Yes	Yes
19	Yes	Yes	Yes	Yes	Yes	Yes
20	Yes	Yes	Yes	Yes	Yes	Yes
21	Yes	Yes	Yes	Yes	Yes	Yes
22	Yes	Yes	Yes	Yes	Yes	Yes
23	Yes	Yes	Yes	Yes	Yes	Yes
24	Yes	Yes	Yes	Yes	Yes	Yes
25	Yes	Yes	Yes	Yes	Yes	Yes
26	Yes	Yes	Yes	Yes	Yes	Yes
27	Yes	Yes	Yes	Yes	Yes	Yes
28	Yes	Yes	Yes	Yes	Yes	Yes
29	Yes	Yes	Yes	Yes	Yes	Yes
EUT Test Frequency:5500MHz						
Radar Frequency:5500MHz						

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Statistical Performance Check

5510MHz (11ac-40)

Trial ID	Radar Type1	Radar Type2	Radar Type3	Radar Type4	Radar Type5	Radar Type6
	Detection	Detection	Detection	Detection	Detection	Detection
	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
0	Yes	Yes	Yes	Yes	Yes	Yes
1	Yes	Yes	Yes	Yes	Yes	Yes
2	Yes	Yes	Yes	Yes	Yes	Yes
3	Yes	Yes	Yes	Yes	Yes	Yes
4	Yes	Yes	Yes	Yes	Yes	Yes
5	Yes	Yes	Yes	Yes	Yes	Yes
6	Yes	Yes	Yes	Yes	Yes	Yes
7	Yes	Yes	Yes	Yes	Yes	Yes
8	Yes	Yes	Yes	Yes	Yes	Yes
9	Yes	Yes	Yes	Yes	Yes	Yes
10	Yes	Yes	Yes	Yes	Yes	Yes
11	Yes	Yes	Yes	Yes	Yes	Yes
12	Yes	Yes	Yes	Yes	Yes	Yes
13	Yes	Yes	Yes	Yes	Yes	Yes
14	Yes	Yes	Yes	Yes	Yes	Yes
15	Yes	Yes	Yes	Yes	Yes	Yes
16	Yes	Yes	Yes	Yes	Yes	Yes
17	Yes	Yes	Yes	Yes	Yes	Yes
18	Yes	Yes	Yes	Yes	Yes	Yes
19	Yes	Yes	Yes	Yes	Yes	Yes
20	Yes	Yes	Yes	Yes	Yes	Yes
21	Yes	Yes	Yes	Yes	Yes	Yes
22	Yes	Yes	Yes	Yes	Yes	Yes
23	Yes	Yes	Yes	Yes	Yes	Yes
24	Yes	Yes	Yes	Yes	Yes	Yes
25	Yes	Yes	Yes	Yes	Yes	Yes
26	Yes	Yes	Yes	Yes	Yes	Yes
27	Yes	Yes	Yes	Yes	Yes	Yes
28	Yes	Yes	Yes	Yes	Yes	Yes
29	Yes	Yes	Yes	Yes	Yes	Yes
EUT Test Frequency:5510MHz						
Radar Frequency:5510MHz						

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Statistical Performance Check

5530MHz (11ac-80)

Trial ID	Radar Type1	Radar Type2	Radar Type3	Radar Type4	Radar Type5	Radar Type6
	Detection	Detection	Detection	Detection	Detection	Detection
	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
0	Yes	Yes	Yes	Yes	Yes	Yes
1	Yes	Yes	Yes	Yes	Yes	Yes
2	Yes	Yes	Yes	Yes	Yes	Yes
3	Yes	No	Yes	Yes	Yes	Yes
4	Yes	Yes	Yes	Yes	Yes	Yes
5	Yes	Yes	Yes	Yes	Yes	Yes
6	Yes	Yes	Yes	Yes	Yes	Yes
7	Yes	Yes	Yes	Yes	Yes	Yes
8	Yes	Yes	Yes	Yes	Yes	Yes
9	Yes	Yes	Yes	Yes	Yes	Yes
10	Yes	Yes	Yes	Yes	Yes	Yes
11	Yes	Yes	Yes	Yes	Yes	Yes
12	Yes	Yes	Yes	Yes	Yes	Yes
13	Yes	Yes	Yes	Yes	Yes	Yes
14	Yes	Yes	Yes	Yes	Yes	Yes
15	Yes	No	Yes	Yes	Yes	Yes
16	Yes	Yes	Yes	Yes	Yes	Yes
17	Yes	Yes	Yes	Yes	Yes	Yes
18	Yes	Yes	Yes	Yes	Yes	Yes
19	Yes	Yes	Yes	Yes	Yes	Yes
20	Yes	Yes	Yes	Yes	Yes	Yes
21	Yes	Yes	Yes	Yes	Yes	Yes
22	Yes	No	Yes	Yes	Yes	Yes
23	Yes	Yes	Yes	No	Yes	Yes
24	Yes	Yes	Yes	Yes	Yes	Yes
25	Yes	No	Yes	Yes	Yes	Yes
26	Yes	Yes	Yes	Yes	Yes	Yes
27	Yes	Yes	Yes	Yes	Yes	Yes
28	Yes	Yes	Yes	Yes	Yes	Yes
29	Yes	Yes	Yes	Yes	Yes	Yes
EUT Test Frequency:5530MHz						
Radar Frequency:5530MHz						

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Parameter Data sheet for Radar Type 1

5500MHz (11ac-20)

Radar Type1				
Trial ID	Pulse Repetition Frequency Number(1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Number of Pulses	Pulse Repetition Interval (Microseconds)
0	19	1139.0	61	878
1	13	1319.3	70	758
2	17	1193.3	63	838
3	15	1253.1	67	798
4	10	1432.7	76	698
5	14	1285.3	68	778
6	7	1567.4	83	638
7	18	1165.6	62	858
8	11	1392.8	74	718
9	8	1519.8	81	658
10	12	1355.0	72	738
11	23	326.2	18	3066
12	3	1792.1	95	558
13	4	1730.1	92	578
14	16	1222.5	65	818
15	-	542.9	29	1842
16	-	1550.4	82	645
17	-	780.0	42	1282
18	-	344.7	19	2901
19	-	538.2	29	1858
20	-	874.9	47	1143
21	-	435.9	24	2294
22	-	461.3	25	2168
23	-	545.6	29	1833
24	-	370.4	20	2700
25	-	868.8	46	1151
26	-	481.7	26	2076
27	-	353.6	19	2828
28	-	382.3	21	2616
29	-	399.8	22	2501

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Parameter Data sheet for Radar Type 1

5510MHz (11ac-40)

Radar Type1				
Trial ID	Pulse Repetition Frequency Number(1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Number of Pulses	Pulse Repetition Interval (Microseconds)
0	15	1253.1	67	798
1	20	1113.6	59	898
2	8	1519.8	81	658
3	22	1066.1	57	938
4	19	1139.0	61	878
5	21	1089.3	58	918
6	23	326.2	18	3066
7	3	1792.1	95	558
8	12	1355.0	72	738
9	10	1432.7	76	698
10	9	1474.9	78	678
11	1	1930.5	102	518
12	16	1222.5	65	818
13	5	1672.2	89	598
14	2	1858.7	99	538
15	-	584.8	31	1710
16	-	813.7	43	1229
17	-	739.6	40	1352
18	-	738.6	39	1354
19	-	448.6	24	2229
20	-	790.5	42	1265
21	-	392.6	21	2547
22	-	510.5	27	1959
23	-	1199.0	64	834
24	-	744.6	40	1343
25	-	724.6	39	1380
26	-	363.4	20	2752
27	-	406.0	22	2463
28	-	491.6	26	2034
29	-	402.6	22	2484

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Parameter Data sheet for Radar Type 1

5530MHz (11ac-80)

Radar Type1				
Trial ID	Pulse Repetition Frequency Number(1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Number of Pulses	Pulse Repetition Interval (Microseconds)
0	2	1858.7	99	538
1	11	1392.8	74	718
2	19	1139.0	61	878
3	23	326.2	18	3066
4	14	1285.3	68	778
5	20	1113.6	59	898
6	3	1792.1	95	558
7	10	1432.7	76	698
8	15	1253.1	67	798
9	9	1474.9	78	678
10	1	1930.5	102	518
11	8	1519.8	81	658
12	17	1193.3	63	838
13	7	1567.4	83	638
14	16	1222.5	65	818
15	-	535.3	29	1868
16	-	417.2	23	2397
17	-	667.6	36	1498
18	-	397.8	21	2514
19	-	336.6	18	2971
20	-	920.0	49	1087
21	-	327.5	18	3053
22	-	460.4	25	2172
23	-	351.9	19	2842
24	-	1277.1	68	783
25	-	1153.4	61	867
26	-	782.5	42	1278
27	-	1457.7	77	686
28	-	464.9	25	2151
29	-	450.5	24	2220

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Parameter Data sheet for Radar Type 2

5500MHz (11ac-20)

Radar Type2			
Trial ID	Number Pulses per Burst	Pulse Width [us]	PRI [us]
0	24	1.6	214
1	28	4.0	199
2	27	3.4	218
3	29	4.9	228
4	28	4.2	181
5	29	4.9	219
6	25	2.4	180
7	27	3.6	154
8	29	5.0	191
9	24	2.0	193
10	28	4.0	186
11	23	1.3	198
12	28	4.2	162
13	27	3.4	151
14	27	3.5	157
15	25	2.2	176
16	26	2.8	222
17	28	4.4	173
18	23	1.5	156
19	28	4.0	221
20	27	3.7	164
21	24	2.1	200
22	23	1.5	153
23	29	4.5	207
24	27	3.7	216
25	28	4.3	175
26	28	4.4	209
27	29	4.7	150
28	23	1.5	230
29	26	3.1	192

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Parameter Data sheet for Radar Type 2

5510MHz (11ac-40)

Radar Type2			
Trial ID	Number Pulses per Burst	Pulse Width [us]	PRI [us]
0	27	3.4	221
1	27	3.4	188
2	26	3.3	150
3	24	1.9	178
4	28	4.3	175
5	26	2.8	215
6	25	2.2	159
7	27	3.8	202
8	26	2.8	162
9	27	3.5	184
10	26	3.0	177
11	27	3.8	191
12	26	3.1	152
13	23	1.0	219
14	27	3.5	197
15	28	4.2	230
16	28	4.5	168
17	24	1.9	182
18	27	3.7	229
19	26	3.0	192
20	25	2.3	214
21	24	1.7	216
22	26	3.1	196
23	29	4.5	213
24	27	3.5	176
25	27	3.7	157
26	23	1.1	190
27	25	2.2	206
28	27	3.7	185
29	27	3.5	169

Parameter Data sheet for Radar Type 2

5530MHz (11ac-80)

Radar Type2			
Trial ID	Number Pulses per Burst	Pulse Width [us]	PRI [us]
0	26	3.0	171
1	25	2.3	166
2	26	3.1	182
3	28	4.1	206
4	29	4.6	163
5	25	2.6	190
6	24	1.9	198
7	28	4.0	217
8	25	2.6	168
9	25	2.5	193
10	29	4.9	152
11	29	4.8	188
12	23	1.1	219
13	28	4.3	225
14	27	3.5	223
15	28	4.1	216
16	27	3.7	200
17	23	1.1	158
18	28	4.1	202
19	29	5.0	164
20	27	3.6	184
21	23	1.0	155
22	24	2.1	180
23	28	4.4	174
24	26	3.2	183
25	25	2.6	156
26	26	2.7	203
27	23	1.3	204
28	27	3.9	187
29	28	4.4	191

Parameter Data sheet for Radar Type 3

5500MHz (11ac-20)

Radar Type3			
Trial ID	Number Pulses per Burst	Pulse Width [us]	PRI [us]
0	16	6.6	291
1	18	9.0	239
2	17	8.4	424
3	18	9.9	292
4	18	9.2	489
5	18	9.9	309
6	17	7.4	395
7	17	8.6	284
8	18	10.0	240
9	16	7.0	398
10	18	9.0	297
11	16	6.3	216
12	18	9.2	319
13	17	8.4	310
14	17	8.5	485
15	16	7.2	491
16	17	7.8	380
17	18	9.4	443
18	16	6.5	453
19	18	9.0	371
20	18	8.7	265
21	16	7.1	233
22	16	6.5	386
23	18	9.5	426
24	17	8.7	411
25	18	9.3	337
26	18	9.4	354
27	18	9.7	225
28	16	6.5	418
29	17	8.1	201

Parameter Data sheet for Radar Type 3

5510MHz (11ac-40)

Radar Type3			
Trial ID	Number Pulses per Burst	Pulse Width [us]	PRI [us]
0	17	8.4	359
1	17	8.4	393
2	17	8.3	296
3	16	6.9	425
4	18	9.3	228
5	17	7.8	419
6	16	7.2	234
7	18	8.8	432
8	17	7.8	207
9	17	8.5	241
10	17	8.0	414
11	18	8.8	331
12	17	8.1	459
13	16	6.0	293
14	17	8.5	429
15	18	9.2	367
16	18	9.5	454
17	16	6.9	290
18	18	8.7	329
19	17	8.0	333
20	17	7.3	402
21	16	6.7	224
22	17	8.1	477
23	18	9.5	311
24	17	8.5	301
25	18	8.7	356
26	16	6.1	458
27	16	7.2	292
28	17	8.7	315
29	17	8.5	238

Parameter Data sheet for Radar Type 3

5530MHz (11ac-80)

Radar Type3			
Trial ID	Number Pulses per Burst	Pulse Width [us]	PRI [us]
0	17	8.0	494
1	17	7.3	399
2	17	8.1	348
3	18	9.1	391
4	18	9.6	310
5	17	7.6	338
6	16	6.9	214
7	18	9.0	426
8	17	7.6	444
9	17	7.5	226
10	18	9.9	347
11	18	9.8	258
12	16	6.1	435
13	18	9.3	261
14	17	8.5	317
15	18	9.1	420
16	18	8.7	291
17	16	6.1	287
18	18	9.1	382
19	18	10.0	248
20	17	8.6	375
21	16	6.0	206
22	16	7.1	356
23	18	9.4	377
24	17	8.2	383
25	17	7.6	394
26	17	7.7	354
27	16	6.3	427
28	18	8.9	458
29	18	9.4	241

Parameter Data sheet for Radar Type 4

5500MHz (11ac-20)

Radar Type4			
Trial ID	Number Pulses per Burst	Pulse Width [us]	PRI [us]
0	12	12.4	291
1	15	17.6	239
2	14	16.3	424
3	16	19.8	292
4	15	18.1	489
5	16	19.8	309
6	13	14.1	395
7	15	16.9	284
8	16	19.8	240
9	13	13.2	398
10	15	17.8	297
11	12	11.8	216
12	15	18.1	319
13	15	16.4	310
14	15	16.6	485
15	13	13.6	491
16	14	15.0	380
17	16	18.5	443
18	12	12.2	453
19	15	17.7	371
20	15	17.1	265
21	13	13.5	233
22	12	12.2	386
23	16	18.9	426
24	15	17.0	411
25	16	18.3	337
26	16	18.7	354
27	16	19.2	225
28	12	12.2	418
29	14	15.7	201

Parameter Data sheet for Radar Type 4

5510MHz (11ac-40)

Radar Type4			
Trial ID	Number Pulses per Burst	Pulse Width [us]	PRI [us]
0	15	16.5	359
1	15	16.4	393
2	14	16.1	296
3	13	13.1	425
4	16	18.4	228
5	14	15.1	419
6	13	13.8	234
7	15	17.2	432
8	14	15.0	207
9	15	16.7	241
10	14	15.4	414
11	15	17.4	331
12	14	15.8	459
13	12	11.0	293
14	15	16.6	429
15	15	18.1	367
16	16	18.7	454
17	13	13.1	290
18	15	17.1	329
19	14	15.4	333
20	13	14.0	402
21	12	12.7	224
22	14	15.7	477
23	16	18.8	311
24	15	16.6	301
25	15	17.0	356
26	12	11.4	458
27	13	13.7	292
28	15	17.0	315
29	15	16.6	238

Parameter Data sheet for Radar Type 4

5530MHz (11ac-80)

Radar Type4			
Trial ID	Number Pulses per Burst	Pulse Width [us]	PRI [us]
0	14	15.5	494
1	13	14.0	399
2	14	15.8	348
3	15	18.0	391
4	16	19.0	310
5	14	14.7	338
6	13	13.1	214
7	15	17.8	426
8	13	14.6	444
9	13	14.4	226
10	16	19.7	347
11	16	19.5	258
12	12	11.2	435
13	16	18.4	261
14	15	16.6	317
15	15	17.9	420
16	15	17.0	291
17	12	11.2	287
18	15	17.9	382
19	16	19.8	248
20	15	16.9	375
21	12	11.0	206
22	13	13.5	356
23	16	18.5	377
24	14	15.9	383
25	13	14.6	394
26	14	14.9	354
27	12	11.7	427
28	15	17.4	458
29	16	18.6	241

Parameter Data sheet for Radar Type 5

5500MHz (11ac-20)

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
0	0	1	57.8	7	-	-	478297	5500
	1	3	86.7	7	1271	1734	767464	
	2	2	79.5	7	1961	-	1057864	
	3	3	98.6	7	1483	1994	151534	
	4	3	89.5	7	1568	1063	441488	
	5	3	98.8	7	1375	1276	731675	
	6	2	67.6	7	1997	-	1022205	
	7	2	82.7	7	1395	-	116017	
	8	3	98.8	7	1533	1399	405648	
	9	1	62.6	7	-	-	697747	
1	0	3	87.8	16	1272	1771	578478	5500
	1	1	54.5	16	-	-	47207	
	2	3	89.1	16	1971	1678	217002	
	3	2	80.1	16	1897	-	387821	
	4	2	81.1	16	1060	-	558808	
	5	1	64.6	16	-	-	26168	
	6	2	72.4	16	1750	-	196593	
	7	3	91.6	16	1107	1762	366338	
	8	1	56.7	16	-	-	538816	
	9	3	87.3	16	1520	1922	5094	
	10	3	83.9	16	1051	1346	175416	
	11	1	64.2	16	-	-	346722	
	12	1	57	16	-	-	517488	
	13	3	93.7	16	1485	1319	685959	
	14	2	83.3	16	1117	-	154777	
	15	3	90.3	16	1753	1069	324564	
	16	3	92.6	16	1715	1249	494145	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
2	0	3	95.6	14	1179	1767	753980	5500
	1	1	57	14	-	-	151673	
	2	2	75.9	14	1673	-	344565	
	3	1	54.6	14	-	-	539360	
	4	3	87.9	14	1799	1116	729862	
	5	1	60.9	14	-	-	127856	
	6	1	62.9	14	-	-	321588	
	7	3	90.4	14	1888	1478	512808	
	8	2	78.2	14	1043	-	708018	
	9	1	60.5	14	-	-	104085	
	10	1	56	14	-	-	297738	
	11	3	93.4	14	1954	1864	489155	
	12	2	75.1	14	1446	-	684095	
	13	3	96.5	14	1400	1311	79889	
	14	2	68.4	14	1597	-	273217	
3	0	1	59.9	20	-	-	350277	5500
	1	2	79.6	20	1111	-	495050	
	2	1	66	20	-	-	42241	
	3	2	75.3	20	1543	-	186913	
	4	1	55.9	20	-	-	332689	
	5	1	53.6	20	-	-	477950	
	6	3	92.4	20	1505	1514	24214	
	7	1	65.6	20	-	-	169371	
	8	3	94.1	20	1691	1878	312717	
	9	3	83.5	20	1124	1779	457871	
	10	2	82.8	20	1026	-	6454	
	11	2	79.8	20	1494	-	151162	
	12	1	51.4	20	-	-	297006	
	13	3	93.6	20	1570	1484	439957	
	14	2	79.6	20	1401	-	585444	
	15	3	85.9	20	1974	1774	132970	
	16	1	65.3	20	-	-	278859	
	17	3	99.3	20	1868	1677	421232	
	18	1	56.2	20	-	-	569620	
	19	2	72	20	1258	-	115578	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
4	0	2	75.6	17	1164	-	289703	5500
	1	2	72.9	17	1087	-	450632	
	2	1	57.9	17	-	-	612505	
	3	3	99.9	17	1524	1787	108282	
	4	3	93.7	17	1247	1287	268998	
	5	2	76.2	17	1059	-	430967	
	6	3	89.7	17	1430	1357	590172	
	7	1	52.8	17	-	-	88993	
	8	1	54.1	17	-	-	250255	
	9	1	66.3	17	-	-	411591	
	10	3	98.2	17	1293	1702	570122	
	11	2	81.6	17	1450	-	68957	
	12	3	90.8	17	1800	1029	229355	
	13	1	65.4	17	-	-	391620	
	14	1	54.2	17	-	-	552931	
	15	2	77.4	17	1368	-	49162	
	16	2	77.7	17	1510	-	210212	
	17	1	58	17	-	-	372098	
5	0	3	84.4	20	1506	1061	477711	5500
	1	3	88.9	20	1140	1929	26336	
	2	1	53.2	20	-	-	171507	
	3	3	91.4	20	1112	1614	315371	
	4	2	81.9	20	1735	-	460334	
	5	2	71.2	20	1374	-	8559	
	6	1	55	20	-	-	153671	
	7	2	81.1	20	1829	-	297760	
	8	1	61.4	20	-	-	443779	
	9	3	96.8	20	1414	1169	587011	
	10	3	98.6	20	1968	1650	134950	
	11	2	74.7	20	1732	-	280293	
	12	3	90.8	20	1575	1617	423702	
	13	3	94.1	20	1360	1067	569088	
	14	2	68.9	20	1489	-	117721	
	15	2	74.4	20	1905	-	262475	
	16	3	92.8	20	1804	1996	405836	
	17	3	87.1	20	1299	1339	551150	
	18	2	71.7	20	1845	-	99846	
	19	1	66.1	20	-	-	245062	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
6	0	2	81.6	10	1662	-	650333	5500
	1	2	79.7	10	1243	-	892414	
	2	1	63.9	10	-	-	137223	
	3	3	89.5	10	1930	1003	378119	
	4	1	61.5	10	-	-	621307	
	5	2	77.8	10	1236	-	862688	
	6	3	85.3	10	1307	1979	107000	
	7	1	51.1	10	-	-	349431	
	8	3	89.1	10	1054	1138	590621	
	9	3	86	10	1302	1099	832134	
	10	3	89.4	10	1187	1452	77330	
7	11	1	52.2	10	-	-	319531	5500
	0	1	58.2	15	-	-	420947	
	1	1	57.2	15	-	-	602320	
	2	1	64.9	15	-	-	35765	
	3	2	67.3	15	1646	-	216914	
	4	2	68.8	15	1077	-	398259	
	5	3	84.3	15	1541	1561	578078	
	6	3	91.1	15	1277	1701	13325	
	7	3	86.8	15	1244	1371	194161	
	8	3	94.9	15	1872	1791	374843	
	9	1	62.5	15	-	-	558263	
	10	1	64.7	15	-	-	739342	
	11	3	93	15	1658	1397	171835	
	12	1	54.3	15	-	-	353883	
	13	2	79.4	15	1731	-	534718	
	14	2	75.5	15	1064	-	715838	
	15	1	54.1	15	-	-	150264	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
8	0	1	62.7	20	-	-	265137	5500
	1	1	66.4	20	-	-	410617	
	2	2	72.7	20	1743	-	553789	
	3	2	67.1	20	1975	-	101878	
	4	1	55.7	20	-	-	247262	
	5	1	61.5	20	-	-	392476	
	6	2	76.4	20	1492	-	536542	
	7	1	54.6	20	-	-	84370	
	8	2	74.9	20	1559	-	229012	
	9	1	63.8	20	-	-	374411	
	10	2	79.8	20	1847	-	518482	
	11	1	54	20	-	-	66464	
	12	3	85.9	20	1808	1682	210508	
	13	1	53.9	20	-	-	356709	
	14	3	92.1	20	1832	1540	499251	
	15	2	75.4	20	1361	-	48437	
	16	1	57.4	20	-	-	193683	
	17	3	96.4	20	1336	1050	337348	
	18	1	66.5	20	-	-	483673	
	19	3	83.5	20	1073	1609	30585	
9	0	2	79.2	9	1620	-	319578	5500
	1	1	51.6	9	-	-	584567	
	2	1	55.6	9	-	-	848137	
	3	1	58.5	9	-	-	23325	
	4	3	96.1	9	1448	1892	286764	
	5	3	85	9	1624	1133	550430	
	6	2	71.3	9	1188	-	815021	
	7	2	69.1	9	1632	-	1078656	
	8	1	65	9	-	-	254945	
	9	2	71	9	1227	-	518668	
	10	3	85.2	9	1919	1643	781132	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
10	0	2	82.1	17	1354	-	675665	5498.0628
	1	1	52.2	17	-	-	143851	
	2	2	81.2	17	1572	-	314075	
	3	3	88.5	17	1403	1115	483701	
	4	2	72.7	17	1479	-	655185	
	5	1	63.3	17	-	-	122789	
	6	2	72.2	17	1342	-	292902	
	7	3	96.6	17	1033	1856	462628	
	8	3	96.7	17	1240	1855	632227	
	9	2	80.9	17	1204	-	101582	
	10	1	60.2	17	-	-	272462	
	11	3	92.4	17	1100	1652	441861	
	12	1	55	17	-	-	613972	
	13	1	54.4	17	-	-	80719	
	14	3	87	17	1260	1693	250529	
	15	1	50.8	17	-	-	422444	
	16	3	90.9	17	1654	1527	590683	
11	0	2	70.5	6	1956	-	112617	5493.6628
	1	3	89.3	6	1859	1756	434585	
	2	3	85.5	6	1949	1082	756822	
	3	1	57.9	6	-	-	1081611	
	4	1	62.9	6	-	-	73015	
	5	3	92	6	1275	1962	395055	
	6	2	74.9	6	1811	-	718232	
	7	1	61	6	-	-	1042159	
	8	1	60.7	6	-	-	33246	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
12	0	1	64.2	17	-	-	177887	5498.0628
	1	2	71.1	17	1667	-	338587	
	2	2	70.7	17	1155	-	499699	
	3	3	90.3	17	1959	1232	658765	
	4	1	57.3	17	-	-	158088	
	5	3	89.7	17	1602	1627	317743	
	6	1	53.9	17	-	-	480646	
	7	2	78.7	17	1649	-	640774	
	8	3	97.7	17	1172	1815	137505	
	9	1	51.8	17	-	-	299383	
	10	1	54.6	17	-	-	460572	
	11	1	65.4	17	-	-	622544	
	12	2	69.4	17	1451	-	117979	
	13	1	62.1	17	-	-	279623	
	14	3	85.2	17	1007	1149	439644	
	15	3	99.9	17	1991	1416	599460	
	16	2	69.9	17	1852	-	98090	
	17	1	52.6	17	-	-	259842	
13	0	2	68.9	14	1615	-	504598	5496.8628
	1	1	59.3	14	-	-	698847	
	2	1	50.6	14	-	-	94289	
	3	1	54	14	-	-	287973	
	4	1	59.1	14	-	-	481410	
	5	3	84.1	14	1552	1078	672781	
	6	2	80.4	14	1462	-	70340	
	7	3	98.6	14	1057	1806	263224	
	8	2	75.8	14	1233	-	457028	
	9	3	85.5	14	1093	1025	649724	
	10	2	77.2	14	1214	-	46510	
	11	2	69.2	14	1160	-	239830	
	12	1	60.2	14	-	-	434088	
	13	1	56.3	14	-	-	627917	
	14	2	77.5	14	1301	-	22703	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
14	0	1	61.9	14	-	-	202866	5496.8628
	1	3	99.2	14	1964	1508	382594	
	2	1	51.1	14	-	-	565628	
	3	2	75.8	14	1846	-	745596	
	4	1	56.4	14	-	-	180552	
	5	2	73.6	14	1766	-	361187	
	6	2	70.6	14	1088	-	542835	
	7	3	88.5	14	1037	1171	723202	
	8	2	76.3	14	1134	-	157886	
	9	1	56.8	14	-	-	339474	
	10	3	85.1	14	1950	1990	518411	
	11	3	96.2	14	1419	1130	700511	
	12	2	75.5	14	1038	-	135591	
	13	1	51	14	-	-	317161	
	14	2	77.2	14	1558	-	497740	
	15	1	50.3	14	-	-	680726	
15	0	1	58.1	9	-	-	165059	5494.8628
	1	3	93.1	9	1320	1474	428170	
	2	3	89.4	9	1170	1463	692145	
	3	1	55.9	9	-	-	957692	
	4	1	51.7	9	-	-	132517	
	5	1	60.1	9	-	-	396868	
	6	1	60.1	9	-	-	661038	
	7	1	62	9	-	-	925592	
	8	3	86.6	9	1449	1727	99719	
	9	1	59.8	9	-	-	364092	
	10	1	58.7	9	-	-	628426	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
16	0	1	63.9	12	-	-	755368	5496.0628
	1	2	68.4	12	1912	-	56945	
	2	1	51.4	12	-	-	280570	
	3	2	78.5	12	1404	-	503514	
	4	3	91.7	12	1896	1184	725379	
	5	3	98.4	12	1156	1280	29440	
	6	3	87.9	12	1875	1978	251865	
	7	1	57.4	12	-	-	476761	
	8	1	62.9	12	-	-	699710	
	9	3	84.1	12	1606	1876	1976	
	10	2	74.1	12	1992	-	224961	
	11	1	63.4	12	-	-	449043	
	12	2	79	12	1554	-	671478	
17	0	3	98.4	18	1840	1028	643922	5498.4628
	1	2	70.8	18	1645	-	142607	
	2	2	74.3	18	1793	-	303483	
	3	3	97.2	18	1046	1616	463711	
	4	2	74	18	1355	-	625893	
	5	3	88	18	1120	1957	122518	
	6	1	54.8	18	-	-	284172	
	7	3	97.6	18	1999	1493	443470	
	8	3	98.6	18	1625	1697	604405	
	9	3	85.2	18	1831	1982	102589	
	10	2	69	18	1205	-	263961	
	11	2	76.2	18	1019	-	425061	
	12	2	70.8	18	1911	-	585487	
	13	1	50.4	18	-	-	83248	
	14	2	75.7	18	1663	-	243907	
	15	1	51.8	18	-	-	405721	
	16	3	89	18	1566	1883	564661	
	17	3	89.1	18	1062	1709	63111	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
18	0	3	89.2	7	1486	1264	449178	5494.0628
	1	3	96.6	7	1714	1931	770944	
	2	1	64.9	7	-	-	1096064	
	3	1	56.7	7	-	-	87185	
	4	2	70	7	1849	-	409694	
	5	2	74.9	7	1315	-	732273	
	6	2	78.4	7	1070	-	1055523	
	7	3	93.4	7	1193	1542	47252	
19	8	3	97.9	7	1977	1916	369204	5497.6628
	0	3	87.6	16	1665	1391	365192	
	1	3	93.6	16	1195	1676	535322	
	2	1	64.2	16	-	-	4007	
	3	1	66.2	16	-	-	174770	
	4	3	84.1	16	1837	1105	344437	
	5	2	79.6	16	1488	-	515560	
	6	1	60.3	16	-	-	687133	
	7	1	57.6	16	-	-	153855	
	8	2	80.9	16	1288	-	324156	
	9	3	85.8	16	1865	1710	493191	
	10	1	63	16	-	-	666204	
	11	3	88	16	1685	1725	132080	
	12	3	98.7	16	1468	1963	302032	
	13	1	54.9	16	-	-	474152	
	14	1	61.2	16	-	-	644832	
	15	1	65.3	16	-	-	111774	
	16	2	83.2	16	1647	-	282050	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
20	0	2	82.5	15	1705	-	480401	5502.7372
	1	1	52.2	15	-	-	663466	
	2	2	70.8	15	1095	-	96258	
	3	3	98	15	1101	1610	276944	
	4	1	62.1	15	-	-	459595	
	5	1	55.6	15	-	-	640975	
	6	2	73.9	15	1259	-	73871	
	7	3	95	15	1291	1880	254457	
	8	3	84.9	15	1218	1460	435468	
	9	2	66.8	15	1445	-	617377	
	10	1	64.1	15	-	-	51595	
	11	3	91.6	15	1322	1136	232257	
	12	1	50.8	15	-	-	414470	
	13	3	99.5	15	1467	1587	593636	
	14	2	68.8	15	1895	-	29190	
	15	2	80.6	15	1689	-	210466	
21	0	3	90.1	9	1285	1364	569664	5505.1372
	1	2	67.2	9	1926	-	833561	
	2	1	53.9	9	-	-	10050	
	3	3	84.4	9	1653	1511	273374	
	4	2	68.9	9	1118	-	538116	
	5	3	85	9	1012	1946	800523	
	6	3	96.6	9	1378	1580	1064108	
	7	1	60.4	9	-	-	241686	
	8	3	92.8	9	1499	1841	504347	
	9	3	94.9	9	1162	1329	768475	
	10	1	66	9	-	-	1034037	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
22	0	2	76	7	1704	-	255346	5505.9372
	1	1	51.1	7	-	-	578676	
	2	3	90.5	7	1434	1867	899817	
	3	3	91.7	7	1415	1938	1221512	
	4	1	53.7	7	-	-	215893	
	5	3	91.5	7	1310	1385	537683	
	6	3	86.8	7	1407	1719	859917	
	7	3	92.4	7	1333	1074	1182510	
23	8	2	76.1	7	1692	-	175970	5501.5372
	0	2	72.6	18	1539	-	235507	
	1	3	99.9	18	1444	1206	387497	
	2	2	75.5	18	1268	-	540633	
	3	3	88	18	1141	1618	64245	
	4	3	90.3	18	1596	1402	216131	
	5	2	71.2	18	1103	-	369432	
	6	3	99.2	18	1363	1661	520465	
	7	1	62.7	18	-	-	45722	
	8	3	96.3	18	1192	1389	197636	
	9	1	66	18	-	-	351378	
	10	2	80.1	18	1733	-	502810	
	11	3	86.3	18	1680	1839	26695	
	12	3	94.2	18	1747	1589	178754	
	13	1	57.3	18	-	-	332270	
	14	1	58.5	18	-	-	485411	
	15	3	87.7	18	1055	1711	8007	
	16	1	57.2	18	-	-	160849	
	17	2	80.9	18	1309	-	313169	
	18	1	64.3	18	-	-	466202	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
24	0	3	97.5	15	1150	1220	733798	5502.7372
	1	1	55.6	15	-	-	168788	
	2	1	60.4	15	-	-	350206	
	3	1	55.1	15	-	-	531597	
	4	2	67.3	15	1626	-	711555	
	5	3	89.6	15	1265	1651	145843	
	6	3	98	15	1027	1300	327088	
	7	3	93.9	15	1157	1323	508038	
	8	3	94.4	15	1694	1724	688194	
	9	2	75.2	15	1047	-	123822	
	10	1	60.4	15	-	-	305663	
	11	1	50.1	15	-	-	487277	
	12	1	64	15	-	-	668277	
	13	1	57	15	-	-	101698	
	14	3	92.8	15	1729	1016	282156	
	15	1	58	15	-	-	464715	
25	0	3	90.2	17	1932	1612	571492	5501.9372
	1	3	91.8	17	1176	1744	70176	
	2	1	65.9	17	-	-	231764	
	3	3	94.1	17	1512	1519	391463	
	4	3	97.7	17	1942	1034	551807	
	5	3	85.8	17	1698	1537	50308	
	6	3	83.8	17	1529	1036	211118	
	7	1	64.2	17	-	-	373385	
	8	2	76.8	17	1553	-	533404	
	9	1	64.8	17	-	-	30726	
	10	2	79.7	17	1102	-	191633	
	11	2	81.9	17	1274	-	352772	
	12	3	93.9	17	1001	1428	512643	
	13	2	82	17	1923	-	10816	
	14	1	53.9	17	-	-	172099	
	15	3	96.5	17	1989	1109	331724	
	16	1	60.5	17	-	-	495080	
	17	2	72.5	17	1986	-	654441	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
26	0	3	95	18	1004	1560	143617	5501.5372
	1	2	70.4	18	1700	-	296303	
	2	1	62.1	18	-	-	450236	
	3	3	94.8	18	1108	1495	600086	
	4	1	58.1	18	-	-	125395	
	5	3	98.4	18	1131	1143	277247	
	6	3	92.4	18	1569	1076	429473	
	7	2	77.4	18	1384	-	583000	
	8	1	54.7	18	-	-	106644	
	9	3	87.6	18	1874	1049	258432	
	10	3	85.9	18	1941	1351	410212	
	11	1	65.9	18	-	-	564837	
	12	1	66	18	-	-	87806	
	13	2	79.3	18	1810	-	239965	
	14	1	51.4	18	-	-	393346	
	15	3	99.3	18	1352	1535	544004	
	16	2	68.3	18	1017	-	68888	
	17	3	96	18	1340	1785	220565	
	18	3	91.4	18	1317	1380	372928	
27	0	3	86.9	19	1044	1525	525298	5501.1372
	1	1	66.6	19	-	-	50111	
	2	1	61.6	19	-	-	203006	
	3	2	71.8	19	1181	-	355002	
	4	3	96.3	19	1013	1758	506425	
	5	2	78.3	19	1613	-	31253	
	6	1	52.4	19	-	-	184037	
	7	1	59.8	19	-	-	336709	
	8	1	66	19	-	-	490034	
	9	1	50	19	-	-	12495	
	10	1	62.4	19	-	-	165395	
	11	2	71.2	19	1304	-	317706	
	12	1	63.9	19	-	-	471149	
	13	3	89.6	19	1631	1592	620812	
	14	3	91.5	19	1754	1472	145818	
	15	1	62.1	19	-	-	299237	
	16	2	72.3	19	1473	-	451291	
	17	3	95.9	19	1608	1943	601222	
	18	3	95.5	19	1296	1901	127059	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
28	0	3	83.6	7	1513	1154	591542	5505.9372
	1	2	67.6	7	1908	-	914669	
	2	1	51.6	7	-	-	1238965	
	3	2	70.2	7	1655	-	229725	
	4	2	81.1	7	1784	-	552449	
	5	3	96.3	7	1163	1890	873969	
	6	2	78.3	7	1470	-	1198218	
	7	1	60.9	7	-	-	190340	
29	8	3	98.8	7	1009	1713	512112	5503.5372
	0	1	50.4	13	-	-	537035	
	1	2	80.5	13	1584	-	743257	
	2	3	94.6	13	1437	1792	96318	
	3	1	63.6	13	-	-	304204	
	4	1	58	13	-	-	511714	
	5	1	55.1	13	-	-	719041	
	6	2	73.6	13	1601	-	71018	
	7	1	55.9	13	-	-	278560	
	8	2	83.3	13	1269	-	485554	
	9	3	98.6	13	1920	1983	690462	
	10	1	65.9	13	-	-	45585	
	11	1	66.4	13	-	-	252937	
	12	1	55.6	13	-	-	460395	
	13	3	88.6	13	1576	1564	665446	

Parameter Data sheet for Radar Type 5

5510MHz (11ac-40)

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
0	0	2	80.3	14	1215	-	676048	5510
	1	2	80.1	14	1012	-	71915	
	2	2	78.5	14	1628	-	265086	
	3	1	62	14	-	-	459141	
	4	3	91	14	1142	1249	650991	
	5	2	72.6	14	1183	-	48123	
	6	1	65.6	14	-	-	241758	
	7	3	84.4	14	1525	1347	433874	
	8	2	72.5	14	1198	-	627990	
	9	2	81.4	14	1315	-	24297	
	10	2	74.5	14	1424	-	217528	
	11	3	85.3	14	1079	1783	410350	
	12	2	76.5	14	1120	-	604669	
	13	1	50.3	14	-	-	470	
	14	2	81.1	14	1415	-	193773	
1	0	3	89.2	14	1551	1642	386287	5510
	1	3	92.8	14	1980	1861	578800	
	2	1	61.5	14	-	-	774912	
	3	3	83.8	14	1166	1680	169756	
	4	2	74.4	14	1967	-	362907	
	5	2	66.7	14	1855	-	556305	
	6	1	59.5	14	-	-	751131	
	7	2	76	14	1335	-	146141	
	8	3	93.1	14	1968	1639	338526	
	9	2	81.3	14	1485	-	533020	
	10	3	83.5	14	1015	1793	724842	
	11	1	52.3	14	-	-	122615	
	12	1	65.1	14	-	-	316318	
	13	2	83.2	14	1474	-	508897	
	14	2	81.3	14	1652	-	702497	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
2	0	2	73.9	14	1087	-	98637	5510
	1	1	51.3	14	-	-	292340	
	2	1	63	14	-	-	486010	
	3	3	88	14	1098	1046	677731	
	4	3	89.6	14	1044	1906	74602	
	5	2	71.5	14	1364	-	268155	
	6	3	88.9	14	1378	1884	460494	
	7	3	87.6	14	1835	1145	653747	
	8	1	64.6	14	-	-	50992	
	9	3	93	14	1511	1713	243565	
	10	1	64.1	14	-	-	438420	
	11	3	96.3	14	1704	1741	629348	
	12	2	82.1	14	1187	-	27113	
	13	3	92.8	14	1117	1435	220051	
	14	3	93.3	14	1099	1444	412932	
3	0	1	55.9	8	-	-	829337	5510
	1	3	96.2	8	1828	1908	4479	
	2	2	69.3	8	1237	-	268368	
	3	3	90.1	8	1302	1595	531438	
	4	3	97.9	8	1453	1991	794304	
	5	1	60.2	8	-	-	1060977	
	6	3	84.2	8	1162	1608	235541	
	7	1	59.5	8	-	-	500551	
	8	3	83.6	8	1655	1155	762699	
	9	1	51.6	8	-	-	1029076	
	10	2	70.7	8	1954	-	203337	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
4	0	1	54	18	-	-	285559	5510
	1	3	85.5	18	1112	1564	445390	
	2	2	80.7	18	1724	-	606935	
	3	1	57.5	18	-	-	104527	
	4	2	70.3	18	1711	-	265223	
	5	1	50.4	18	-	-	427051	
	6	1	51.1	18	-	-	588046	
	7	3	91.3	18	1050	1837	84275	
	8	1	57.5	18	-	-	245920	
	9	2	73.2	18	1371	-	406160	
	10	2	72.2	18	1715	-	566825	
	11	3	88.6	18	1501	1278	64489	
	12	1	60.7	18	-	-	225944	
	13	1	59.5	18	-	-	387472	
	14	1	50.2	18	-	-	548854	
	15	1	55.1	18	-	-	44860	
	16	3	97	18	1739	1017	205295	
	17	3	90.9	18	1530	1993	365720	
5	0	1	60.3	12	-	-	732966	5510
	1	2	70.5	12	1726	-	34541	
	2	2	77.4	12	1181	-	257636	
	3	2	83.3	12	1283	-	481032	
	4	3	99.8	12	1071	1126	703687	
	5	2	75.4	12	1469	-	7054	
	6	3	87.4	12	1077	1429	229955	
	7	2	83	12	1836	-	453023	
	8	2	75.1	12	1416	-	676614	
	9	3	85.4	12	1301	1321	898319	
	10	2	71	12	1629	-	202695	
	11	3	89.7	12	1163	1307	425529	
	12	3	91.8	12	1471	1958	647359	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
6	0	2	79.5	10	1573	-	944793	5510
	1	3	86.3	10	1225	1118	189643	
	2	2	68.8	10	1738	-	431445	
	3	2	67.5	10	1590	-	673557	
	4	1	53.4	10	-	-	916825	
	5	1	56.8	10	-	-	160256	
	6	1	57	10	-	-	402597	
	7	2	72.6	10	1009	-	643811	
	8	1	63.7	10	-	-	886692	
	9	3	95.2	10	1807	1802	129985	
	10	3	90.9	10	1769	1829	371180	
	11	3	85.3	10	1716	1208	613304	
7	0	2	70	15	1693	-	641109	5510
	1	3	83.7	15	1141	1797	75186	
	2	1	57.5	15	-	-	257105	
	3	1	58.5	15	-	-	438781	
	4	2	80.5	15	1250	-	618942	
	5	3	97.6	15	1763	1956	52811	
	6	1	55	15	-	-	234615	
	7	3	87.3	15	1987	1295	414234	
	8	2	68.7	15	1290	-	596714	
	9	2	73.2	15	1476	-	30672	
	10	2	81.2	15	1745	-	211886	
	11	3	93.3	15	1398	1657	391948	
	12	2	70.8	15	1150	-	574691	
	13	3	85.7	15	1434	1413	8352	
	14	1	55.3	15	-	-	189809	
	15	2	70.2	15	1734	-	370637	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
8	0	3	87.3	12	1820	1620	678659	5510
	1	2	75.3	12	1856	-	902622	
	2	1	65.7	12	-	-	206399	
	3	2	70.2	12	1171	-	429331	
	4	2	67.8	12	1123	-	652616	
	5	2	81.5	12	1052	-	876107	
	6	3	92.8	12	1049	1625	178285	
	7	1	52.2	12	-	-	402408	
	8	3	91.9	12	1173	1170	624080	
	9	3	92.1	12	1553	1874	846406	
	10	3	96.9	12	1475	1977	150724	
	11	3	98.4	12	1911	1899	373317	
	12	3	89.9	12	1379	1780	595930	
9	0	2	68.3	15	1584	-	666262	5510
	1	3	96.7	15	1548	1865	100031	
	2	2	75.4	15	1792	-	281491	
	3	3	86.6	15	1059	1167	462462	
	4	3	98	15	1109	1343	642867	
	5	2	79.7	15	1928	-	77962	
	6	3	91.7	15	1771	1362	258567	
	7	2	79.8	15	1984	-	440038	
	8	2	74.5	15	1279	-	621277	
	9	3	94.7	15	1886	1214	55546	
	10	3	87.9	15	1002	1885	236444	
	11	1	65.9	15	-	-	418570	
	12	1	52.4	15	-	-	600167	
	13	2	73.1	15	1310	-	33353	
	14	1	56.2	15	-	-	214945	
	15	1	55.1	15	-	-	396463	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
10	0	2	75.6	12	1513	-	659294	5496.8582
	1	3	96.7	12	1869	1298	12561	
	2	2	67.7	12	1973	-	219633	
	3	1	51.5	12	-	-	427594	
	4	3	86.8	12	1671	1703	632456	
	5	3	85.3	12	1269	1498	840254	
	6	3	88.4	12	1369	1284	193881	
	7	2	79.4	12	1282	-	401429	
	8	2	70.7	12	1989	-	608073	
	9	2	67.5	12	1495	-	816160	
	10	3	88.6	12	1853	1169	168343	
	11	3	91	12	1437	1803	375212	
	12	1	55.3	12	-	-	584296	
11	13	1	66.6	12	-	-	791617	5498.4582
	0	3	88.5	16	1846	1396	117535	
	1	1	50.6	16	-	-	288908	
	2	1	56.7	16	-	-	459715	
	3	3	97.4	16	1592	1479	627765	
	4	1	50.4	16	-	-	97014	
	5	2	76.6	16	1228	-	267487	
	6	1	55.8	16	-	-	438880	
	7	1	56.7	16	-	-	609560	
	8	2	72.8	16	1969	-	75800	
	9	1	56	16	-	-	246862	
	10	1	63.6	16	-	-	417457	
	11	3	90.5	16	1674	1480	585491	
	12	1	62.8	16	-	-	54951	
	13	2	80.7	16	1022	-	225361	
	14	2	77.9	16	1262	-	396114	
	15	1	54.2	16	-	-	567074	
	16	1	65.4	16	-	-	33916	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
12	0	1	58.4	13	-	-	248735	5497.2582
	1	3	86.5	13	1354	1397	454949	
	2	3	97.2	13	1132	1040	662020	
	3	1	66.3	13	-	-	15633	
	4	3	95.4	13	1532	1752	222412	
	5	2	79.2	13	1774	-	429726	
	6	3	96.9	13	1538	1913	635565	
	7	1	53	13	-	-	845679	
	8	2	83	13	1115	-	197420	
	9	1	58.2	13	-	-	405087	
	10	3	96	13	1626	1864	610083	
	11	1	65.9	13	-	-	820423	
	12	2	80.5	13	1291	-	171716	
	13	3	91.2	13	1887	1387	377903	
13	0	1	50.7	5	-	-	1028334	5494.0582
	1	2	74.4	5	1428	-	1390300	
	2	1	57.8	5	-	-	256449	
	3	1	56.1	5	-	-	619840	
	4	3	87.2	5	1735	1376	981135	
	5	1	59.2	5	-	-	1346664	
	6	1	55	5	-	-	211790	
	7	2	72.6	5	1016	-	574628	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
14	0	2	79.6	14	1760	-	467431	5497.6582
	1	3	99.3	14	1463	1152	647697	
	2	2	68.9	14	1851	-	83183	
	3	2	73.9	14	1900	-	264350	
	4	1	61.7	14	-	-	446308	
	5	3	87.9	14	1943	1599	624674	
	6	3	96.4	14	1594	1070	60868	
	7	2	72.4	14	1405	-	242284	
	8	1	57.6	14	-	-	424041	
	9	1	51.5	14	-	-	605540	
	10	1	66.4	14	-	-	38673	
	11	1	52	14	-	-	220224	
	12	2	80.1	14	1294	-	401182	
	13	1	54.4	14	-	-	582937	
	14	1	58.1	14	-	-	16320	
	15	1	50.3	14	-	-	197749	
15	0	3	93.2	17	1448	1842	335398	5498.8582
	1	2	71.5	17	1813	-	497228	
	2	1	59.9	17	-	-	659483	
	3	3	94.3	17	1882	1414	155083	
	4	2	67.4	17	1443	-	316811	
	5	2	68.3	17	1327	-	477932	
	6	1	59.9	17	-	-	639864	
	7	3	90.8	17	1507	1323	135542	
	8	3	92.4	17	1721	1598	296036	
	9	1	64.8	17	-	-	458994	
	10	1	62.9	17	-	-	620060	
	11	1	66	17	-	-	116199	
	12	1	55	17	-	-	277365	
	13	2	74.5	17	1412	-	437999	
	14	3	90.7	17	1800	1978	597075	
	15	3	95.1	17	1702	1417	95924	
	16	1	60.4	17	-	-	257496	
	17	3	85.8	17	1579	1101	417397	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
16	0	1	56.8	18	-	-	549789	5499.2582
	1	3	97.9	18	1910	1742	71997	
	2	3	97.5	18	1446	1270	224315	
	3	2	71.4	18	1647	-	376886	
	4	2	67.5	18	1311	-	529516	
	5	1	58.9	18	-	-	53648	
	6	1	56.7	18	-	-	206267	
	7	1	60.6	18	-	-	359306	
	8	1	50.6	18	-	-	512020	
	9	3	94.4	18	1751	1083	34633	
	10	3	99.5	18	1634	1875	186566	
	11	2	78.5	18	1367	-	339786	
	12	1	61	18	-	-	493160	
	13	3	96.4	18	1389	1358	15911	
	14	1	66.3	18	-	-	168800	
	15	1	57.5	18	-	-	321798	
	16	1	63	18	-	-	474770	
	17	1	65.7	18	-	-	627039	
	18	3	99.3	18	1385	1938	149184	
17	0	1	60.7	8	-	-	523649	5495.2582
	1	1	55.2	8	-	-	787423	
	2	1	61.3	8	-	-	1051923	
	3	3	89.4	8	1350	1932	226133	
	4	2	78.1	8	1256	-	490383	
	5	2	81.5	8	1775	-	754207	
	6	3	96.9	8	1714	1372	1016476	
	7	2	75	8	1526	-	193938	
	8	2	80.3	8	1589	-	457757	
	9	2	67.3	8	1559	-	721406	
	10	2	83.2	8	1605	-	985030	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
18	0	1	60.8	15	-	-	111076	5498.0582
	1	2	71.3	15	1727	-	291784	
	2	3	91.7	15	1826	1452	472081	
	3	3	94.4	15	1917	1976	652555	
	4	3	97.6	15	1667	1918	88274	
	5	1	60.3	15	-	-	270200	
	6	1	52.8	15	-	-	451651	
	7	2	71.7	15	1264	-	631934	
	8	1	54	15	-	-	66324	
	9	1	50.9	15	-	-	247854	
	10	3	87.6	15	1733	1314	427526	
	11	1	56.8	15	-	-	611089	
	12	2	67.7	15	1574	-	43887	
	13	1	65.5	15	-	-	225501	
	14	3	91.4	15	1927	1201	405459	
	15	1	63.9	15	-	-	588947	
19	0	1	53.7	12	-	-	24708	5496.8582
	1	1	66.6	12	-	-	232109	
	2	3	99.8	12	1491	1028	438280	
	3	3	97.6	12	1840	1872	644273	
	4	1	61.5	12	-	-	854921	
	5	2	75	12	1930	-	206177	
	6	3	95.8	12	1950	1717	412541	
	7	3	99.7	12	1790	1063	619839	
	8	2	80.5	12	1921	-	827853	
	9	3	95.6	12	1366	1319	180511	
	10	1	58.5	12	-	-	388661	
	11	2	69.3	12	1422	-	594947	
	12	3	90	12	1891	1116	801084	
	13	2	70.6	12	1777	-	155291	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
20	0	3	84	10	1982	1008	422485	5523.9418
	1	2	76.4	10	1635	-	664778	
	2	3	93.3	10	1889	1852	904478	
	3	2	67.4	10	1503	-	151400	
	4	3	83.6	10	1556	1689	392766	
	5	2	78.1	10	1529	-	634894	
	6	3	86.8	10	1317	1035	876087	
	7	2	66.7	10	1455	-	121710	
	8	3	98.8	10	1223	1569	363066	
	9	1	55.9	10	-	-	606351	
	10	1	54.6	10	-	-	848321	
	11	3	91.3	10	1749	1816	91673	
21	0	1	61.7	8	-	-	401107	5524.7418
	1	3	98.4	8	1583	1129	690401	
	2	2	73.2	8	1636	-	981133	
	3	3	98.5	8	1540	1870	74457	
	4	3	93.6	8	1965	1091	364498	
	5	2	73.9	8	1320	-	655020	
	6	3	86.8	8	1902	1661	943532	
	7	2	67.6	8	1534	-	38815	
	8	3	93.2	8	1468	1254	328747	
	9	1	58.3	8	-	-	620038	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
22	0	2	80.6	13	1106	-	649748	5522.7418
	1	2	69.8	13	1996	-	2173	
	2	2	71.6	13	1948	-	209260	
	3	3	85.9	13	1281	1893	415565	
	4	2	75.6	13	1677	-	623502	
	5	3	92.1	13	1588	1381	829388	
	6	1	63.8	13	-	-	184144	
	7	1	51.9	13	-	-	391883	
	8	1	51.7	13	-	-	599107	
	9	3	83.5	13	1744	1641	803501	
	10	2	81.8	13	1687	-	158256	
	11	3	83.4	13	1561	1253	364684	
	12	2	66.9	13	1393	-	572960	
23	13	1	61.1	13	-	-	781337	5520.7418
	0	1	63.6	18	-	-	97890	
	1	1	50.2	18	-	-	250765	
	2	2	82	18	1365	-	402431	
	3	1	63.2	18	-	-	556449	
	4	2	77.1	18	1992	-	78891	
	5	3	87	18	1193	1146	231201	
	6	2	67.8	18	1796	-	383444	
	7	3	93.8	18	1750	1110	535342	
	8	3	93	18	1673	1660	59976	
	9	2	70.2	18	1754	-	212605	
	10	1	63.2	18	-	-	365921	
	11	3	97.5	18	1995	1844	515321	
	12	2	76.5	18	1192	-	41409	
	13	2	82.1	18	1233	-	193937	
	14	1	52	18	-	-	346886	
	15	3	84.6	18	1617	1137	498047	
	16	2	82.6	18	1767	-	22579	
	17	2	72.3	18	1377	-	175018	
	18	2	77.4	18	1542	-	327384	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
24	0	2	75.6	15	1436	-	570582	5521.9418
	1	3	95.9	15	1410	1304	4537	
	2	2	73.4	15	1858	-	185746	
	3	3	95.8	15	1277	1825	366098	
	4	3	97.7	15	1399	1363	546879	
	5	1	52.5	15	-	-	730512	
	6	3	94.8	15	1068	1441	163110	
	7	1	52.9	15	-	-	345371	
	8	3	96.8	15	1784	1833	524528	
	9	1	54.1	15	-	-	708130	
	10	2	71.1	15	1975	-	141051	
	11	1	59.5	15	-	-	323041	
	12	2	78.3	15	1084	-	503947	
	13	2	81.4	15	1815	-	684276	
	14	1	62	15	-	-	119009	
	15	3	84.8	15	1245	1523	299569	
25	0	3	93.3	15	1078	1863	479901	5521.9418
	1	3	92	15	1013	1043	662119	
	2	2	73.5	15	1086	-	96452	
	3	3	90.5	15	1730	1210	276958	
	4	1	56.1	15	-	-	459642	
	5	3	90.6	15	1979	1447	638560	
	6	3	86.8	15	1195	1662	74041	
	7	2	76.9	15	1267	-	255371	
	8	1	51.4	15	-	-	437400	
	9	2	72.7	15	1473	-	617280	
	10	2	78.2	15	1004	-	51854	
	11	1	65.6	15	-	-	233426	
	12	2	81.7	15	1326	-	414046	
	13	3	100	15	1189	1066	595046	
	14	2	67.2	15	1034	-	29538	
	15	1	50.9	15	-	-	211038	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
26	0	1	59.4	5	-	-	786281	5525.9418
	1	1	55.9	5	-	-	1149126	
	2	3	91.3	5	1067	1664	14389	
	3	1	65.3	5	-	-	377912	
	4	3	90.2	5	1748	1937	739259	
	5	1	54.5	5	-	-	1104936	
	6	3	84.3	5	1723	1974	1464323	
27	7	1	60.6	5	-	-	333032	5524.3418
	0	2	82.4	9	1048	-	505787	
	1	3	84.1	9	1850	1770	767710	
	2	2	71	9	1312	-	1033263	
	3	3	89.6	9	1255	1092	209088	
	4	2	71.8	9	1235	-	473141	
	5	1	60.7	9	-	-	738336	
	6	3	84.9	9	1725	1492	999396	
	7	1	66	9	-	-	177098	
	8	1	64.4	9	-	-	441213	
	9	3	97.4	9	1945	1695	703247	
	10	1	58.7	9	-	-	969940	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
28	0	3	92.7	15	1672	1518	98833	5521.9418
	1	1	59	15	-	-	280683	
	2	2	81.8	15	1604	-	461336	
	3	2	71.3	15	1732	-	642747	
	4	3	85.1	15	1787	1153	76674	
	5	1	59	15	-	-	258371	
	6	3	96.6	15	1586	1128	438660	
	7	3	94.4	15	1490	1794	618424	
	8	2	74.9	15	1330	-	54493	
	9	2	74.4	15	1031	-	235891	
	10	2	79.2	15	1095	-	417100	
	11	2	71.2	15	1731	-	598046	
	12	3	96.8	15	1288	1909	32071	
	13	3	87	15	1023	1179	212984	
	14	2	70.2	15	1299	-	394499	
	15	1	50	15	-	-	577124	
29	0	2	72.3	15	1482	-	9828	5521.9418
	1	3	90.1	15	1761	1337	190638	
	2	3	96.7	15	1276	1241	371480	
	3	3	94.7	15	1216	1915	552460	
	4	3	88.8	15	1339	1944	733050	
	5	1	57.6	15	-	-	169103	
	6	1	62.8	15	-	-	350698	
	7	1	58.1	15	-	-	531879	
	8	2	72	15	1352	-	712066	
	9	2	69.5	15	1426	-	146428	
	10	3	97.3	15	1552	1088	327028	
	11	1	55	15	-	-	509984	
	12	3	90.8	15	1449	1558	688031	
	13	3	87.8	15	1465	1557	123773	
	14	1	62.1	15	-	-	305879	
	15	1	51.1	15	-	-	487299	

Parameter Data sheet for Radar Type 5

5530MHz (11ac-80)

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
0	0	2	75.1	13	1834	-	636027	5530
	1	2	66.9	13	1578	-	842777	
	2	2	76.5	13	1964	-	196024	
	3	3	88.9	13	1660	1442	402557	
	4	3	94	13	1370	1553	609531	
	5	2	70.4	13	1001	-	818412	
	6	1	61.7	13	-	-	171000	
	7	3	87.7	13	1798	1481	377292	
	8	2	69.9	13	1644	-	585200	
	9	2	68.8	13	1727	-	792131	
	10	3	98	13	1940	1689	144796	
	11	3	96.8	13	1024	1852	351598	
	12	1	51.4	13	-	-	560384	
	13	3	90.9	13	1819	1635	765264	
1	0	2	81	10	1804	-	139626	5530
	1	3	88.3	10	1110	1081	381348	
	2	3	83.5	10	1408	1793	622455	
	3	1	51.5	10	-	-	866552	
	4	3	88	10	1288	1612	109812	
	5	3	98.9	10	1473	1969	351022	
	6	2	82.5	10	1526	-	593554	
	7	1	50.2	10	-	-	836575	
	8	1	64	10	-	-	80227	
	9	3	91.7	10	1319	1468	321516	
	10	2	77.3	10	1490	-	563874	
	11	2	69.8	10	1142	-	806187	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
2	0	2	71.8	13	1395	-	43139	5530
	1	1	54.3	13	-	-	250663	
	2	3	85.7	13	1118	1737	456767	
	3	3	92	13	1710	1445	663589	
	4	1	62.2	13	-	-	17655	
	5	2	78.1	13	1803	-	224814	
	6	2	67.3	13	1853	-	431915	
	7	3	88.2	13	1374	1309	638149	
	8	3	87.9	13	1802	1334	844819	
	9	1	58.2	13	-	-	199665	
	10	3	95.6	13	1714	1245	405704	
	11	1	50.5	13	-	-	614334	
	12	1	57.1	13	-	-	821882	
	13	2	78.5	13	1589	-	173777	
3	0	3	99.6	17	1622	1792	295284	5530
	1	1	51.9	17	-	-	457895	
	2	2	76.4	17	1544	-	617701	
	3	2	69.1	17	1509	-	115113	
	4	3	97.8	17	1423	1877	275298	
	5	2	67.2	17	1016	-	437308	
	6	2	76.6	17	1976	-	597272	
	7	1	50.6	17	-	-	95571	
	8	3	85.4	17	1113	1528	255897	
	9	1	62.1	17	-	-	418412	
	10	3	92.6	17	1965	1595	576223	
	11	3	85.6	17	1883	1214	75310	
	12	1	63.1	17	-	-	236901	
	13	3	91	17	1043	1626	396969	
	14	1	52.1	17	-	-	559722	
	15	2	74.9	17	1762	-	55657	
	16	1	52.8	17	-	-	217066	
	17	3	84.8	17	1539	1455	376607	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
4	0	1	61.6	19	-	-	511611	5530
	1	2	74.2	19	1706	-	33983	
	2	3	98.6	19	1571	1788	185759	
	3	1	57.3	19	-	-	339552	
	4	1	52	19	-	-	492609	
	5	2	78	19	1097	-	15214	
	6	1	56.6	19	-	-	168087	
	7	2	69.9	19	1314	-	320014	
	8	2	79.4	19	1080	-	472599	
	9	1	63.3	19	-	-	626324	
	10	1	52.9	19	-	-	149211	
	11	2	72.8	19	1295	-	301614	
	12	3	92.7	19	1600	1086	452623	
	13	2	82.9	19	1345	-	606008	
	14	3	94.5	19	1467	1449	129779	
	15	1	59.4	19	-	-	283032	
	16	3	99.4	19	1505	1095	434411	
	17	2	80.6	19	1476	-	587543	
	18	2	73.8	19	1981	-	111275	
5	0	3	95	11	1060	1590	385655	5530
	1	3	94	11	1935	1933	607392	
	2	1	60.1	11	-	-	833385	
	3	3	93.3	11	1916	1391	135146	
	4	2	71.2	11	1621	-	358636	
	5	2	69	11	1929	-	581341	
	6	2	73.5	11	1008	-	805613	
	7	3	99.4	11	1134	1511	107840	
	8	2	76.6	11	1472	-	331221	
	9	1	65	11	-	-	555214	
	10	2	76.3	11	1570	-	777326	
	11	3	86	11	1568	1561	80362	
	12	1	63	11	-	-	303969	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
6	0	1	55.3	8	-	-	623495	5530
	1	1	60.8	8	-	-	888229	
	2	3	89	8	1800	1837	62507	
	3	2	83	8	1773	-	326405	
	4	2	80	8	1518	-	590574	
	5	3	92.2	8	1700	1605	852822	
	6	3	99.9	8	1205	1756	30104	
	7	3	98.5	8	1750	1654	293488	
	8	1	62.5	8	-	-	558386	
	9	2	77.9	8	1254	-	821735	
	10	3	87.8	8	1216	1646	1084077	
7	0	1	63.2	17	-	-	169268	5530
	1	3	97.8	17	1726	1608	338500	
	2	1	62.6	17	-	-	511327	
	3	2	69.5	17	1922	-	679715	
	4	1	59.7	17	-	-	148275	
	5	3	91.2	17	1092	1941	317549	
	6	1	53.6	17	-	-	490239	
	7	3	91.7	17	1064	1975	658135	
	8	2	71.6	17	1645	-	126849	
	9	1	51	17	-	-	298265	
	10	1	57.9	17	-	-	468609	
	11	3	90.8	17	1167	1083	637528	
	12	1	51.4	17	-	-	106252	
	13	2	80.9	17	1680	-	276322	
	14	2	77.4	17	1500	-	446984	
	15	3	88.4	17	1821	1169	615754	
	16	2	78.6	17	1598	-	84958	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
8	0	2	78.6	11	1999	-	334289	5530
	1	2	80	11	1087	-	557968	
	2	1	54.8	11	-	-	782312	
	3	1	53.1	11	-	-	83844	
	4	2	77.3	11	1968	-	306550	
	5	3	89.9	11	1960	1614	528660	
	6	2	67.4	11	1638	-	753055	
	7	2	81.8	11	1562	-	56220	
	8	3	94	11	1659	1396	278903	
	9	1	61.5	11	-	-	503377	
	10	2	79.5	11	1603	-	725738	
	11	1	57.1	11	-	-	28807	
	12	2	80.8	11	1830	-	251689	
9	0	2	75.4	11	1076	-	515212	5530
	1	2	82.5	11	1469	-	756454	
	2	1	66.1	11	-	-	1368	
	3	2	72.3	11	1061	-	243208	
	4	2	80	11	1224	-	485098	
	5	2	73.5	11	1201	-	727057	
	6	1	56.3	11	-	-	970468	
	7	1	53.9	11	-	-	213761	
	8	3	89.7	11	1088	1259	454811	
	9	3	85.5	11	1189	1051	696495	
	10	1	61.3	11	-	-	939895	
	11	3	84.6	11	1194	1828	183250	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
10	0	1	64.4	20	-	-	255235	5500.51795
	1	1	62	20	-	-	400482	
	2	3	97.4	20	1215	1180	543413	
	3	2	70	20	1753	-	92119	
	4	3	87.5	20	1530	1195	236596	
	5	1	52	20	-	-	382390	
	6	1	52.5	20	-	-	527774	
	7	1	53.7	20	-	-	74514	
	8	2	71.3	20	1918	-	218773	
	9	2	69.9	20	1665	-	363533	
	10	2	82.5	20	1671	-	508343	
	11	2	73	20	1504	-	56415	
	12	3	84.7	20	1480	1870	200750	
	13	3	85.9	20	1778	1494	344738	
	14	1	57.8	20	-	-	491772	
	15	3	95.2	20	1002	1372	38543	
	16	3	87.8	20	1328	1503	182898	
	17	1	65.8	20	-	-	329254	
	18	2	79.7	20	1297	-	473014	
	19	2	74.2	20	1292	-	20771	
11	0	3	84.5	19	1380	1148	165158	5500.11795
	1	3	90.8	19	1289	1962	309419	
	2	2	75.7	19	1475	-	455260	
	3	2	75.5	19	1136	-	2934	
	4	2	74.7	19	1385	-	147799	
	5	2	79.2	19	1967	-	292184	
	6	1	50.9	19	-	-	438221	
	7	1	53.9	19	-	-	583892	
	8	2	82.1	19	1520	-	129913	
	9	2	74.6	19	1460	-	274785	
	10	3	88.9	19	1575	1564	418140	
	11	3	94.6	19	1294	1554	562868	
	12	3	93.5	19	1131	1705	111818	
	13	2	68.5	19	1991	-	256596	
	14	1	62.9	19	-	-	402367	
	15	2	77.9	19	1234	-	546412	
	16	2	70	19	1003	-	94252	
	17	1	61.7	19	-	-	239465	
	18	1	56.4	19	-	-	385085	
	19	1	59.4	19	-	-	529558	

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12	0	2	76.9	5	1062	-	191595	5494.51795
	1	1	53.3	5	-	-	555037	
	2	1	59.5	5	-	-	918310	
	3	1	55.4	5	-	-	1281778	
	4	1	50	5	-	-	146987	
	5	3	93.1	5	1387	1489	509310	
	6	3	87.7	5	1389	1485	872397	
	7	3	94.1	5	1903	1452	1234223	
13	0	1	65.6	18	-	-	45393	5499.71795
	1	1	61.1	18	-	-	206737	
	2	1	66.2	18	-	-	368278	
	3	2	73.9	18	1983	-	527411	
	4	1	55.7	18	-	-	25483	
	5	3	87.2	18	1745	1361	186032	
	6	1	50	18	-	-	348296	
	7	2	73.6	18	1327	-	508167	
	8	3	86.3	18	1405	1220	5596	
	9	2	71.9	18	1992	-	166542	
	10	3	95.4	18	1218	1382	327045	
	11	1	58.3	18	-	-	489547	
	12	1	51.1	18	-	-	650476	
	13	3	98.7	18	1996	1728	146175	
	14	2	71.7	18	1225	-	307749	
	15	3	96.7	18	1273	1093	467951	
	16	2	81	18	1274	-	629661	
	17	3	87.9	18	1026	1298	126742	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
14	0	2	79.6	14	1249	-	323958	5498.11795
	1	1	66.1	14	-	-	506401	
	2	2	73	14	1498	-	686608	
	3	2	79.9	14	1337	-	120536	
	4	2	75.1	14	1723	-	301752	
	5	2	76	14	1601	-	482680	
	6	1	59.3	14	-	-	665154	
	7	2	70.2	14	1094	-	98221	
	8	3	97.3	14	1240	1119	279161	
	9	2	81.2	14	1017	-	460858	
	10	2	81.3	14	1810	-	641626	
	11	2	70.2	14	1039	-	75900	
	12	2	75.5	14	1765	-	256919	
	13	2	81.6	14	1537	-	438132	
	14	3	91.5	14	1185	1549	618191	
	15	1	56.8	14	-	-	53713	
15	0	3	88.3	17	1143	1761	220572	5499.31795
	1	2	70.9	17	1662	-	391261	
	2	1	58.4	17	-	-	562716	
	3	1	65	17	-	-	29488	
	4	3	88.8	17	1755	1137	199370	
	5	1	56.2	17	-	-	370907	
	6	2	68.4	17	1845	-	540306	
	7	3	89.3	17	1634	1891	8393	
	8	3	91.7	17	1759	1488	178440	
	9	3	98.2	17	1162	1677	348487	
	10	1	66.4	17	-	-	520914	
	11	3	98.2	17	1275	1104	689532	
	12	1	58.3	17	-	-	158167	
	13	2	78.3	17	1437	-	328519	
	14	2	81.6	17	1908	-	498739	
	15	1	62.8	17	-	-	671207	
	16	2	74.5	17	1075	-	136999	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
16	0	1	62.1	15	-	-	327420	5498.51795
	1	1	63.5	15	-	-	508763	
	2	2	71.6	15	2000	-	688168	
	3	2	71.1	15	1359	-	123194	
	4	3	85.7	15	1859	1163	303896	
	5	3	86	15	1781	1864	483903	
	6	3	90.3	15	1556	1915	665004	
	7	1	64.5	15	-	-	101065	
	8	3	85.6	15	1493	1109	281720	
	9	3	89.9	15	1041	1456	462603	
	10	2	68.9	15	1411	-	644396	
	11	3	92.3	15	1144	1242	78478	
	12	1	66	15	-	-	260137	
	13	3	96.5	15	1434	1997	439813	
	14	1	63.8	15	-	-	623630	
	15	2	66.8	15	1403	-	56206	
17	0	3	94.3	5	1343	1945	475089	5494.51795
	1	1	60.3	5	-	-	839783	
	2	1	50.8	5	-	-	1203347	
	3	3	88.2	5	1971	1279	67887	
	4	1	66	5	-	-	431335	
	5	3	99.2	5	1053	1826	793431	
	6	2	73.3	5	1559	-	1157031	
	7	3	97.7	5	1973	1784	23197	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
18	0	3	83.7	17	1304	1296	181093	5499.31795
	1	3	88.3	17	1369	1732	350973	
	2	2	77	17	1812	-	522260	
	3	1	59.6	17	-	-	694249	
	4	1	61.2	17	-	-	160705	
	5	1	61.9	17	-	-	331420	
	6	2	69	17	1631	-	500878	
	7	3	99.6	17	1640	1713	670395	
	8	2	68.5	17	1258	-	139462	
	9	3	95.8	17	1607	1790	309212	
	10	1	63.3	17	-	-	481294	
	11	2	68	17	1815	-	650782	
	12	2	69.9	17	1957	-	118281	
	13	3	85.8	17	1160	1278	288305	
	14	1	52.5	17	-	-	460093	
	15	3	84.9	17	1487	1261	628991	
	16	2	68.1	17	1477	-	97322	
19	0	1	50.4	20	-	-	228150	5500.51795
	1	1	53.2	20	-	-	373023	
	2	1	66.4	20	-	-	518260	
	3	3	99.6	20	1413	1124	64782	
	4	3	97.1	20	1754	1305	209227	
	5	2	75.6	20	1379	-	354334	
	6	1	51.6	20	-	-	500186	
	7	1	52.5	20	-	-	47147	
	8	2	81.3	20	1238	-	191982	
	9	1	64	20	-	-	337554	
	10	2	67.9	20	1426	-	481671	
	11	2	80.8	20	1849	-	29197	
	12	2	74.6	20	1020	-	174166	
	13	1	58.4	20	-	-	319417	
	14	1	63	20	-	-	464923	
	15	3	90.3	20	1300	1046	11358	
	16	2	73.9	20	1164	-	156178	
	17	3	87.4	20	1102	1805	300021	
	18	3	97.5	20	1905	1725	444124	
	19	1	59	20	-	-	591567	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
20	0	2	80.7	15	1265	-	173256	5561.48205
	1	1	53.3	15	-	-	354847	
	2	2	73.7	15	1641	-	535630	
	3	2	70.9	15	1734	-	716730	
	4	2	69.4	15	1606	-	150661	
	5	2	73.8	15	1887	-	331720	
	6	2	70.3	15	1691	-	512717	
	7	2	83.1	15	1416	-	694652	
	8	3	95.9	15	1126	1739	128203	
	9	3	96.9	15	1851	1855	308664	
	10	1	58.5	15	-	-	492031	
	11	1	57.7	15	-	-	673391	
	12	1	66	15	-	-	106404	
	13	2	70	15	1546	-	287317	
	14	1	65.5	15	-	-	469495	
	15	3	95.9	15	1701	1443	648201	
21	0	1	56.9	5	-	-	168137	5565.48205
	1	3	98.2	5	1114	1768	530730	
	2	3	86.7	5	1431	1580	892941	
	3	1	62.7	5	-	-	1258733	
	4	2	75.4	5	1011	-	123289	
	5	1	57	5	-	-	486886	
	6	2	80	5	1823	-	849418	
	7	3	97.9	5	1322	1227	1212013	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
22	0	1	51	9	-	-	57156	5563.88205
	1	2	68.7	9	1323	-	320906	
	2	3	93.9	9	1722	1573	583901	
	3	3	87.3	9	1183	1032	848174	
	4	1	50.3	9	-	-	24601	
	5	2	77.8	9	1920	-	288291	
	6	3	96.1	9	1335	1268	551967	
	7	3	98.4	9	1070	1223	815648	
	8	1	55.1	9	-	-	1081350	
	9	2	75.9	9	1192	-	256072	
	10	3	87.5	9	1435	1187	519346	
23	0	3	97.2	18	1813	1551	477001	5560.28205
	1	2	79.6	18	1685	-	638772	
	2	3	95.5	18	1226	1678	136039	
	3	2	80.1	18	1995	-	297074	
	4	2	73.2	18	1401	-	458482	
	5	1	55.3	18	-	-	620173	
	6	2	68.6	18	1574	-	116425	
	7	1	56.7	18	-	-	278258	
	8	3	84.4	18	1360	1846	437595	
	9	1	55.5	18	-	-	600389	
	10	1	60.1	18	-	-	96904	
	11	1	64.7	18	-	-	258291	
	12	1	54.5	18	-	-	419343	
	13	3	93	18	1683	1384	578222	
	14	2	67.1	18	1609	-	76781	
	15	2	83.3	18	1031	-	238037	
	16	2	75.8	18	1138	-	398793	
	17	1	50.6	18	-	-	560973	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency [MHz]
24	0	3	84.7	13	1989	1331	68262	5562.28205
	1	3	83.6	13	1044	1730	261310	
	2	2	73.6	13	1383	-	455298	
	3	2	73.4	13	1099	-	648825	
	4	2	75.8	13	1281	-	44651	
	5	2	69.8	13	1885	-	237668	
	6	1	50.6	13	-	-	432071	
	7	2	80	13	1409	-	624629	
	8	2	83	13	1592	-	20812	
	9	2	82.7	13	1388	-	214249	
	10	2	68	13	1007	-	407481	
	11	1	50.8	13	-	-	601957	
	12	1	60.1	13	-	-	795929	
	13	1	52.5	13	-	-	190580	
	14	3	90.2	13	1117	1856	383050	
25	0	2	82.6	11	1843	-	665427	5563.08205
	1	2	68.4	11	1774	-	888416	
	2	1	66.3	11	-	-	192591	
	3	1	61.4	11	-	-	415912	
	4	2	68	11	1709	-	638535	
	5	1	63.4	11	-	-	862835	
	6	1	57.3	11	-	-	165012	
	7	1	56.8	11	-	-	388436	
	8	1	50.2	11	-	-	612342	
	9	3	95.6	11	1699	1293	833189	
	10	3	92.4	11	1404	1875	137045	
	11	3	90.9	11	1217	1466	359870	
	12	1	54	11	-	-	584777	

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Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
26	0	3	89.3	11	1447	1974	804830	5563.08205
	1	3	94.4	11	1448	1919	109571	
	2	2	83.2	11	1615	-	332942	
	3	3	94.5	11	1736	1376	555345	
	4	2	70.3	11	1882	-	778646	
	5	3	97.8	11	1315	1538	82106	
	6	2	70.5	11	1599	-	305495	
	7	3	92.3	11	1394	1101	528094	
	8	1	63.8	11	-	-	752862	
	9	2	73.8	11	1482	-	54810	
	10	1	53.7	11	-	-	278407	
	11	2	75.6	11	1536	-	500995	
	12	2	79.5	11	1210	-	724361	
27	0	3	93.3	6	1397	1129	39424	5565.08205
	1	2	72.4	6	1340	-	362279	
	2	3	85.9	6	1186	1667	683966	
	3	3	88.7	6	1767	1502	1006257	
	4	3	83.5	6	1628	1363	1328080	
	5	3	95.4	6	1982	1023	322071	
	6	1	57.6	6	-	-	645974	
	7	2	74.6	6	1036	-	967743	
	8	2	72	6	1306	-	1290408	

Trial ID	Burst ID	Number of Pulses	Pulse Width [usec]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [usec]	Pulse 2-to-3 Spacing [usec]	Starting Location Within Interval [usec]	Center Frequency[MHz]
28	0	2	74.5	16	1724	-	149189	5561.08205
	1	1	50.8	16	-	-	320490	
	2	2	71.9	16	1244	-	490775	
	3	1	57.7	16	-	-	661877	
	4	3	87.2	16	1203	1801	128053	
	5	2	77.3	16	1888	-	298775	
	6	2	76.8	16	1497	-	469601	
	7	2	73.3	16	1921	-	639764	
	8	2	77.8	16	1096	-	107385	
	9	3	83.5	16	1050	1336	277411	
	10	2	79	16	1207	-	448762	
	11	3	96.7	16	1692	1333	617051	
	12	3	90.8	16	1925	1624	86084	
	13	3	88.6	16	1098	1436	256584	
	14	3	99.5	16	1513	1744	425980	
	15	2	73.6	16	1362	-	597864	
	16	2	80.6	16	1519	-	65342	
29	0	1	62.4	18	-	-	223168	5560.28205
	1	2	82.1	18	1462	-	383797	
	2	3	98	18	1034	1979	543430	
	3	2	68.7	18	1156	-	41864	
	4	3	94.7	18	1407	1311	202421	
	5	1	62.5	18	-	-	364359	
	6	3	85.9	18	1637	1664	523596	
	7	3	88.6	18	1250	1103	21995	
	8	2	70.2	18	1346	-	183015	
	9	3	85	18	1970	1668	342619	
	10	2	71	18	1286	-	504766	
	11	1	61.6	18	-	-	2215	
	12	1	62.1	18	-	-	163438	
	13	3	97.1	18	1010	1703	323614	
	14	2	83.3	18	1301	-	485066	
	15	2	79.5	18	1368	-	646058	
	16	2	67.2	18	1283	-	143422	
	17	2	69.9	18	1316	-	304420	

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Parameter Data sheet for Radar Type 6

5500MHz (11ac-20)

Trial ID	Frequency List (MHz)	0	1	2	3	4
0	0	5432	5363	5665	5253	5331
	5	5703	5643	5684	5531	5600
	10	5430	5334	5518	5712	5628
	15	5506	5280	5340	5462	5433
	20	5509	5649	5584	5667	5291
	25	5686	5256	5380	5483	5461
	30	5351	5295	5638	5476	5709
	35	5644	5601	5491	5617	5685
	40	5399	5633	5303	5549	5474
	45	5688	5375	5323	5294	5723
	50	5412	5270	5626	5394	5486
	55	5391	5364	5637	5554	5298
	60	5426	5576	5697	5715	5393
	65	5683	5599	5500	5676	5614
	70	5467	5390	5352	5507	5417
	75	5450	5321	5720	5622	5429
	80	5570	5503	5487	5410	5260
	85	5674	5532	5698	5345	5277
	90	5501	5387	5567	5378	5588
	95	5443	5597	5271	5627	5594

Trial ID	Frequency List (MHz)	0	1	2	3	4
1	0	5687	5602	5607	5317	5551
	5	5474	5250	5718	5275	5358
	10	5434	5316	5373	5713	5258
	15	5716	5625	5286	5385	5644
	20	5344	5675	5500	5635	5557
	25	5458	5606	5457	5414	5622
	30	5350	5308	5698	5320	5590
	35	5296	5664	5505	5322	5525
	40	5330	5639	5630	5709	5541
	45	5271	5339	5588	5645	5465
	50	5359	5449	5697	5582	5343
	55	5593	5658	5608	5683	5461
	60	5431	5400	5643	5490	5670
	65	5603	5313	5369	5361	5700
	70	5600	5652	5571	5315	5436
	75	5325	5284	5527	5696	5483
	80	5391	5324	5332	5412	5689
	85	5544	5364	5555	5719	5559
	90	5720	5326	5378	5451	5481
	95	5574	5701	5655	5594	5528

Trial ID	Frequency List (MHz)	0	1	2	3	4
2	0	5467	5366	5537	5478	5393
	5	5516	5650	5318	5438	5567
	10	5365	5580	5416	5336	5279
	15	5329	5285	5389	5430	5371
	20	5352	5269	5441	5255	5530
	25	5346	5470	5520	5561	5448
	30	5664	5714	5265	5569	5313
	35	5280	5301	5572	5429	5266
	40	5405	5404	5627	5636	5509
	45	5640	5384	5475	5424	5600
	50	5514	5629	5295	5297	5296
	55	5380	5482	5337	5628	5376
	60	5565	5325	5589	5691	5613
	65	5435	5680	5667	5433	5686
	70	5702	5673	5532	5308	5579
	75	5314	5536	5637	5487	5649
	80	5388	5710	5254	5526	5299
	85	5415	5658	5278	5409	5645
	90	5674	5379	5387	5566	5428
	95	5584	5303	5392	5587	5335

Trial ID	Frequency List (MHz)	0	1	2	3	4
3	0	5722	5605	5473	5639	5613
	5	5558	5672	5393	5601	5299
	10	5296	5369	5457	5531	5300
	15	5320	5315	5492	5475	5563
	20	5360	5435	5382	5503	5612
	25	5419	5723	5665	5482	5706
	30	5700	5697	5556	5721	5608
	35	5483	5371	5572	5250	5440
	40	5580	5488	5499	5547	5468
	45	5489	5290	5437	5265	5301
	50	5565	5537	5476	5251	5486
	55	5674	5453	5318	5321	5397
	60	5626	5632	5514	5659	5291
	65	5645	5470	5602	5705	5425
	70	5604	5491	5655	5347	5625
	75	5295	5313	5650	5268	5338
	80	5434	5385	5354	5710	5668
	85	5586	5377	5431	5573	5574
	90	5664	5679	5459	5493	5442
	95	5550	5310	5687	5398	5582

Trial ID	Frequency List (MHz)	0	1	2	3	4
4	0	5405	5369	5415	5325	5455
	5	5697	5597	5468	5289	5504
	10	5605	5633	5496	5251	5321
	15	5408	5434	5595	5423	5270
	20	5368	5420	5330	5476	5500
	25	5259	5451	5294	5516	5370
	30	5589	5654	5296	5495	5331
	35	5616	5462	5465	5403	5364
	40	5419	5571	5342	5312	5718
	45	5399	5481	5348	5498	5627
	50	5651	5487	5618	5723	5432
	55	5671	5680	5688	5493	5424
	60	5363	5704	5450	5578	5715
	65	5614	5319	5477	5253	5674
	70	5658	5328	5268	5580	5448
	75	5600	5467	5293	5285	5514
	80	5594	5382	5531	5613	5510
	85	5537	5596	5683	5264	5628
	90	5341	5556	5526	5497	5631
	95	5484	5291	5315	5414	5579

Trial ID	Frequency List (MHz)	0	1	2	3	4
5	0	5660	5608	5345	5486	5675
	5	5264	5619	5543	5355	5335
	10	5536	5422	5539	5446	5342
	15	5496	5569	5698	5468	5472
	20	5279	5670	5361	5328	5449
	25	5388	5695	5654	5495	5550
	30	5412	5575	5611	5511	5647
	35	5626	5286	5553	5261	5653
	40	5268	5258	5276	5278	5552
	45	5715	5704	5414	5406	5417
	50	5527	5667	5337	5594	5267
	55	5287	5634	5391	5312	5395
	60	5627	5648	5308	5633	5375
	65	5524	5538	5557	5266	5687
	70	5637	5551	5271	5333	5598
	75	5459	5409	5593	5490	5339
	80	5257	5720	5305	5657	5379
	85	5269	5516	5352	5512	5303
	90	5685	5374	5494	5429	5676
	95	5650	5574	5615	5418	5491

Trial ID	Frequency List (MHz)	0	1	2	3	4
6	0	5440	5372	5287	5647	5517
	5	5306	5544	5618	5518	5540
	10	5467	5308	5578	5641	5363
	15	5584	5688	5704	5513	5276
	20	5264	5302	5411	5422	5654
	25	5535	5285	5599	5454	5464
	30	5568	5251	5421	5349	5419
	35	5644	5532	5331	5289	5572
	40	5359	5693	5317	5712	5635
	45	5344	5497	5367	5604	5304
	50	5364	5720	5426	5320	5698
	55	5475	5588	5593	5509	5269
	60	5281	5336	5253	5465	5674
	65	5470	5512	5294	5519	5432
	70	5334	5252	5431	5441	5435
	75	5366	5610	5482	5327	5408
	80	5551	5256	5279	5446	5516
	85	5291	5560	5505	5650	5425
	90	5607	5314	5594	5686	5696
	95	5483	5677	5377	5627	5424

Trial ID	Frequency List (MHz)	0	1	2	3	4
7	0	5695	5611	5698	5333	5262
	5	5348	5566	5693	5681	5272
	10	5301	5572	5716	5264	5384
	15	5575	5340	5332	5461	5468
	20	5295	5430	5403	5395	5542
	25	5387	5488	5703	5618	5593
	30	5353	5525	5369	5573	5644
	35	5357	5425	5484	5678	5508
	40	5442	5631	5460	5709	5564
	45	5324	5580	5560	5569	5657
	50	5540	5296	5515	5545	5663
	55	5686	5328	5715	5410	5501
	60	5673	5297	5597	5513	5465
	65	5708	5254	5512	5713	5434
	70	5668	5411	5325	5255	5625
	75	5308	5274	5518	5420	5405
	80	5276	5641	5419	5608	5523
	85	5600	5379	5380	5284	5692
	90	5633	5365	5311	5674	5662
	95	5680	5275	5606	5527	5531

Trial ID	Frequency List (MHz)	0	1	2	3	4
8	0	5475	5375	5628	5397	5579
	5	5487	5491	5293	5369	5578
	10	5707	5361	5284	5459	5405
	15	5663	5378	5435	5506	5670
	20	5681	5596	5281	5498	5368
	25	5333	5348	5691	5332	5652
	30	5635	5339	5482	5584	5347
	35	5367	5606	5448	5696	5259
	40	5582	5622	5567	5700	5328
	45	5394	5292	5483	5605	5456
	50	5533	5706	5345	5604	5441
	55	5477	5376	5496	5389	5686
	60	5539	5668	5715	5425	5288
	65	5404	5277	5561	5594	5338
	70	5321	5439	5523	5387	5286
	75	5306	5671	5297	5526	5531
	80	5598	5489	5468	5273	5476
	85	5322	5547	5595	5307	5386
	90	5624	5449	5316	5655	5625
	95	5329	5675	5717	5664	5618

Trial ID	Frequency List (MHz)	0	1	2	3	4
9	0	5633	5614	5570	5558	5324
	5	5529	5513	5368	5435	5308
	10	5541	5625	5323	5654	5426
	15	5276	5497	5538	5551	5377
	20	5689	5665	5697	5484	5341
	25	5696	5663	5419	5533	5589
	30	5677	5703	5439	5499	5662
	35	5264	5539	5492	5412	5506
	40	5661	5705	5507	5465	5325
	45	5284	5271	5444	5666	5721
	50	5312	5417	5398	5315	5336
	55	5564	5450	5591	5344	5657
	60	5571	5356	5660	5724	5405
	65	5489	5359	5305	5296	5486
	70	5596	5278	5307	5537	5366
	75	5363	5718	5251	5339	5270
	80	5681	5641	5369	5651	5531
	85	5653	5322	5389	5546	5351
	90	5384	5401	5530	5326	5604
	95	5432	5708	5297	5648	5467

Trial ID	Frequency List (MHz)	0	1	2	3	4
10	0	5413	5378	5506	5719	5641
	5	5571	5438	5443	5598	5515
	10	5472	5414	5364	5374	5447
	15	5624	5596	5569	5697	5356
	20	5638	5573	5314	5487	5612
	25	5622	5637	5623	5592	5396
	30	5539	5273	5482	5306	5630
	35	5385	5565	5517	5500	5313
	40	5445	5608	5322	5632	5264
	45	5354	5502	5663	5593	5449
	50	5404	5465	5280	5277	5531
	55	5700	5521	5605	5365	5647
	60	5448	5312	5308	5603	5281
	65	5399	5293	5540	5690	5339
	70	5677	5518	5251	5458	5276
	75	5625	5340	5594	5267	5373
	80	5706	5606	5604	5694	5338
	85	5649	5350	5304	5332	5389
	90	5541	5250	5352	5254	5444
	95	5349	5361	5272	5412	5285

Trial ID	Frequency List (MHz)	0	1	2	3	4
11	0	5668	5617	5436	5405	5386
	5	5613	5460	5518	5286	5346
	10	5403	5300	5407	5569	5468
	15	5452	5284	5647	5544	5296
	20	5608	5425	5676	5571	5287
	25	5375	5476	5253	5266	5657
	30	5383	5578	5353	5680	5451
	35	5721	5656	5340	5421	5396
	40	5373	5319	5559	5707	5437
	45	5560	5289	5398	5539	5662
	50	5498	5493	5288	5590	5368
	55	5358	5484	5457	5502	5354
	60	5688	5550	5672	5475	5394
	65	5513	5251	5338	5551	5697
	70	5519	5279	5642	5545	5693
	75	5541	5591	5638	5528	5715
	80	5710	5416	5506	5586	5603
	85	5645	5581	5311	5659	5389
	90	5418	5548	5469	5334	5563
	95	5649	5713	5312	5326	5464

Trial ID	Frequency List (MHz)	0	1	2	3	4
12	0	5448	5478	5378	5566	5703
	5	5277	5385	5593	5449	5551
	10	5712	5564	5446	5667	5489
	15	5443	5403	5275	5589	5616
	20	5591	5617	5654	5260	5263
	25	5316	5456	5370	5691	5425
	30	5467	5310	5397	5674	5500
	35	5584	5434	5452	5493	5345
	40	5576	5699	5613	5490	5520
	45	5521	5350	5285	5415	5373
	50	5582	5586	5546	5556	5312
	55	5686	5276	5473	5483	5376
	60	5592	5504	5299	5340	5336
	65	5681	5645	5383	5688	5362
	70	5643	5291	5669	5498	5439
	75	5283	5574	5487	5399	5662
	80	5571	5342	5639	5603	5629
	85	5416	5527	5343	5573	5368
	90	5634	5441	5609	5531	5381
	95	5462	5697	5337	5685	5567

Trial ID	Frequency List (MHz)	0	1	2	3	4
13	0	5606	5717	5314	5252	5448
	5	5319	5407	5668	5515	5283
	10	5643	5353	5487	5387	5510
	15	5531	5433	5378	5634	5670
	20	5624	5660	5558	5646	5708
	25	5529	5265	5659	5474	5250
	30	5467	5356	5267	5612	5351
	35	5698	5723	5525	5589	5637
	40	5410	5322	5582	5603	5579
	45	5403	5550	5669	5549	5602
	50	5293	5409	5393	5269	5644
	55	5401	5473	5444	5541	5537
	60	5336	5697	5286	5630	5255
	65	5380	5713	5661	5285	5348
	70	5268	5615	5645	5457	5408
	75	5264	5509	5443	5260	5405
	80	5636	5580	5506	5329	5592
	85	5608	5492	5394	5346	5566
	90	5324	5447	5546	5316	5296
	95	5398	5517	5303	5710	5664

Trial ID	Frequency List (MHz)	0	1	2	3	4
14	0	5386	5481	5719	5413	5290
	5	5361	5332	5268	5678	5589
	10	5574	5617	5530	5582	5531
	15	5619	5568	5679	5494	5535
	20	5351	5596	5266	5681	5417
	25	5604	5387	5675	5284	5606
	30	5342	5699	5352	5600	5518
	35	5296	5616	5421	5260	5428
	40	5267	5573	5521	5407	5724
	45	5550	5686	5637	5437	5545
	50	5715	5651	5382	5610	5325
	55	5457	5598	5482	5292	5318
	60	5644	5708	5265	5525	5329
	65	5360	5299	5687	5605	5484
	70	5357	5334	5273	5470	5621
	75	5418	5401	5426	5385	5658
	80	5419	5522	5709	5468	5633
	85	5409	5664	5315	5348	5590
	90	5489	5449	5673	5314	5399
	95	5572	5287	5578	5544	5298

Trial ID	Frequency List (MHz)	0	1	2	3	4
15	0	5641	5720	5661	5574	5510
	5	5403	5354	5343	5366	5319
	10	5408	5406	5666	5302	5552
	15	5707	5687	5584	5627	5676
	20	5543	5420	5537	5252	5654
	25	5683	5541	5590	5304	5318
	30	5648	5706	5656	5470	5277
	35	5716	5429	5412	5659	5267
	40	5350	5513	5286	5404	5558
	45	5542	5294	5598	5702	5421
	50	5426	5704	5471	5433	5645
	55	5684	5586	5289	5298	5396
	60	5524	5572	5446	5275	5561
	65	5528	5705	5422	5400	5526
	70	5320	5371	5313	5597	5375
	75	5724	5546	5431	5631	5671
	80	5632	5480	5588	5628	5630
	85	5495	5409	5585	5615	5325
	90	5399	5367	5459	5614	5555
	95	5417	5432	5271	5506	5525

Trial ID	Frequency List (MHz)	0	1	2	3	4
16	0	5421	5484	5591	5638	5255
	5	5542	5279	5418	5529	5528
	10	5339	5670	5709	5497	5573
	15	5698	5347	5590	5672	5403
	20	5551	5586	5478	5627	5571
	25	5405	5696	5408	5352	5690
	30	5692	5613	5685	5526	5536
	35	5574	5323	5683	5252	5660
	40	5678	5530	5449	5401	5485
	45	5510	5377	5656	5457	5589
	50	5297	5592	5278	5560	5256
	55	5358	5506	5387	5260	5427
	60	5563	5469	5404	5274	5287
	65	5471	5254	5565	5598	5376
	70	5546	5336	5717	5666	5448
	75	5267	5271	5657	5691	5708
	80	5312	5524	5687	5602	5668
	85	5353	5611	5344	5461	5539
	90	5340	5532	5585	5374	5502
	95	5504	5605	5295	5607	5420

Trial ID	Frequency List (MHz)	0	1	2	3	4
17	0	5676	5723	5527	5324	5572
	5	5584	5301	5493	5595	5357
	10	5648	5556	5275	5594	5311
	15	5474	5693	5717	5462	5277
	20	5516	5339	5600	5362	5257
	25	5424	5512	5386	5354	5581
	30	5570	5425	5678	5356	5616
	35	5511	5576	5405	5574	5517
	40	5613	5387	5291	5398	5414
	45	5490	5460	5714	5510	5379
	50	5551	5293	5329	5271	5554
	55	5438	5546	5577	5602	5706
	60	5253	5711	5575	5264	5585
	65	5420	5310	5464	5562	5292
	70	5389	5395	5452	5295	5589
	75	5620	5698	5700	5280	5346
	80	5279	5525	5690	5366	5650
	85	5697	5633	5404	5384	5509
	90	5564	5573	5544	5547	5640
	95	5336	5272	5607	5390	5344

Trial ID	Frequency List (MHz)	0	1	2	3	4
18	0	5359	5487	5469	5485	5317
	5	5626	5701	5568	5283	5562
	10	5579	5345	5314	5315	5615
	15	5399	5496	5321	5665	5302
	20	5470	5346	5457	5422	5573
	25	5250	5669	5627	5713	5420
	30	5396	5527	5640	5452	5554
	35	5274	5602	5372	5655	5498
	40	5356	5696	5327	5434	5395
	45	5723	5482	5543	5675	5571
	50	5266	5427	5479	5382	5360
	55	5377	5394	5637	5414	5304
	60	5421	5580	5685	5416	5311
	65	5375	5716	5296	5357	5529
	70	5364	5477	5428	5252	5534
	75	5334	5288	5671	5390	5298
	80	5508	5439	5524	5702	5690
	85	5683	5601	5424	5501	5358
	90	5636	5325	5577	5574	5522
	95	5647	5695	5320	5297	5365

Trial ID	Frequency List (MHz)	0	1	2	3	4
19	0	5614	5251	5399	5646	5634
	5	5668	5723	5643	5446	5296
	10	5510	5609	5357	5636	5487
	15	5631	5424	5710	5504	5478
	20	5512	5398	5420	5546	5516
	25	5533	5355	5342	5454	5438
	30	5456	5484	5283	5604	5374
	35	5419	5693	5333	5499	5670
	40	5401	5641	5674	5489	5650
	45	5353	5626	5258	5616	5531
	50	5303	5645	5431	5449	5578
	55	5704	5350	5368	5482	5715
	60	5551	5339	5583	5472	5324
	65	5318	5285	5506	5724	5352
	70	5458	5568	5404	5688	5430
	75	5334	5660	5254	5403	5564
	80	5502	5521	5440	5593	5622
	85	5673	5606	5466	5409	5308
	90	5620	5267	5576	5544	5364
	95	5665	5581	5275	5640	5720

Trial ID	Frequency List (MHz)	0	1	2	3	4
20	0	5394	5490	5341	5332	5379
	5	5270	5718	5609	5501	5344
	10	5398	5396	5705	5657	5478
	15	5275	5527	5280	5686	5389
	20	5581	5436	5503	5519	5404
	25	5470	5558	5446	5488	5577
	30	5345	5441	5498	5378	5572
	35	5552	5309	5439	5486	5423
	40	5606	5484	5709	5316	5580
	45	5418	5557	5356	5538	5401
	50	5660	5322	5684	5437	5522
	55	5371	5271	5346	5304	5720
	60	5335	5273	5691	5338	5610
	65	5605	5444	5411	5380	5645
	70	5375	5574	5477	5633	5409
	75	5513	5264	5565	5518	5617
	80	5496	5464	5624	5711	5334
	85	5363	5560	5343	5432	5586
	90	5493	5293	5614	5330	5385
	95	5568	5701	5643	5596	5505

Trial ID	Frequency List (MHz)	0	1	2	3	4
21	0	5649	5254	5277	5493	5696
	5	5374	5670	5297	5330	5275
	10	5662	5437	5425	5678	5566
	15	5402	5533	5325	5403	5397
	20	5272	5377	5495	5492	5292
	25	5322	5664	5550	5522	5619
	30	5709	5398	5713	5530	5392
	35	5594	5400	5332	5261	5337
	40	5445	5567	5519	5582	5483
	45	5413	5317	5633	5683	5433
	50	5532	5535	5627	5699	5507
	55	5251	5276	5302	5256	5500
	60	5436	5291	5611	5546	5620
	65	5697	5252	5548	5314	5299
	70	5430	5583	5638	5356	5604
	75	5722	5694	5523	5614	5661
	80	5623	5591	5428	5628	5515
	85	5496	5306	5684	5333	5597
	90	5689	5527	5506	5253	5385
	95	5369	5466	5544	5366	5691

Trial ID	Frequency List (MHz)	0	1	2	3	4
22	0	5332	5493	5682	5654	5441
	5	5416	5692	5296	5363	5539
	10	5681	5548	5480	5523	5699
	15	5537	5636	5273	5702	5405
	20	5341	5318	5590	5465	5558
	25	5283	5392	5276	5556	5661
	30	5695	5355	5453	5304	5264
	35	5491	5603	5414	5338	5284
	40	5650	5455	5347	5340	5293
	45	5400	5335	5678	5570	5309
	50	5698	5584	5522	5439	5705
	55	5550	5367	5629	5711	5443
	60	5374	5566	5359	5640	5380
	65	5614	5371	5685	5565	5715
	70	5339	5666	5438	5382	5594
	75	5313	5415	5647	5399	5720
	80	5659	5513	5642	5368	5577
	85	5361	5287	5691	5452	5388
	90	5420	5254	5440	5450	5334
	95	5560	5562	5671	5454	5390

Trial ID	Frequency List (MHz)	0	1	2	3	4
23	0	5587	5257	5624	5718	5283
	5	5555	5617	5371	5526	5269
	10	5515	5337	5616	5720	5267
	15	5559	5264	5318	5409	5316
	20	5507	5259	5576	5438	5446
	25	5598	5595	5380	5590	5703
	30	5584	5312	5571	5456	5410
	35	5397	5679	5399	5567	5262
	40	5355	5395	5477	5649	5285
	45	5483	5393	5360	5660	5637
	50	5427	5723	5298	5627	5659
	55	5682	5369	5338	5291	5278
	60	5372	5295	5512	5560	5702
	65	5476	5540	5499	5686	5336
	70	5522	5362	5334	5690	5271
	75	5628	5281	5376	5412	5349
	80	5302	5562	5707	5715	5607
	85	5322	5354	5656	5452	5701
	90	5498	5648	5523	5287	5495
	95	5434	5444	5275	5384	5309

Trial ID	Frequency List (MHz)	0	1	2	3	4
24	0	5367	5496	5560	5404	5503
	5	5597	5639	5446	5689	5573
	10	5601	5657	5438	5266	5258
	15	5686	5363	5324	5576	5297
	20	5665	5411	5712	5450	5323
	25	5484	5624	5570	5269	5311
	30	5705	5439	5295	5292	5342
	35	5651	5437	5333	5352	5571
	40	5578	5265	5566	5354	5317
	45	5722	5585	5688	5516	5546
	50	5717	5718	5613	5397	5309
	55	5412	5456	5698	5679	5596
	60	5555	5383	5544	5263	5422
	65	5368	5675	5612	5485	5660
	70	5662	5481	5532	5482	5380
	75	5557	5467	5381	5409	5348
	80	5302	5501	5670	5432	5475
	85	5373	5602	5379	5617	5707
	90	5530	5632	5304	5550	5418
	95	5257	5423	5378	5582	5403

Trial ID	Frequency List (MHz)	0	1	2	3	4
25	0	5622	5260	5490	5565	5345
	5	5639	5564	5521	5377	5307
	10	5390	5700	5633	5287	5346
	15	5470	5408	5328	5332	5267
	20	5713	5663	5384	5600	5411
	25	5526	5588	5658	5409	5459
	30	5701	5382	5428	5584	5386
	35	5563	5495	5652	5373	5269
	40	5568	5708	5649	5412	5362
	45	5512	5315	5276	5262	5605
	50	5369	5552	5431	5575	5385
	55	5280	5444	5623	5643	5511
	60	5424	5501	5487	5685	5632
	65	5638	5498	5684	5471	5316
	70	5418	5442	5525	5602	5523
	75	5394	5675	5514	5599	5406
	80	5282	5680	5343	5517	5440
	85	5327	5371	5674	5709	5457
	90	5650	5402	5499	5303	5481
	95	5615	5375	5397	5508	5482

Trial ID	Frequency List (MHz)	0	1	2	3	4
26	0	5402	5499	5432	5251	5565
	5	5681	5586	5596	5443	5512
	10	5686	5654	5264	5353	5308
	15	5434	5465	5476	5356	5510
	20	5718	5336	5271	5357	5391
	25	5632	5314	5692	5451	5348
	30	5658	5266	5631	5723	5717
	35	5477	5359	5648	5576	5687
	40	5701	5587	5260	5339	5603
	45	5257	5470	5326	5399	5666
	50	5462	5315	5316	5667	5508
	55	5619	5424	5302	5679	5629
	60	5573	5311	5588	5343	5345
	65	5447	5407	5442	5713	5464
	70	5433	5281	5378	5457	5317
	75	5261	5614	5373	5722	5569
	80	5616	5504	5446	5676	5662
	85	5403	5556	5680	5660	5693
	90	5719	5623	5397	5472	5341
	95	5503	5672	5278	5435	5483

Trial ID	Frequency List (MHz)	0	1	2	3	4
27	0	5560	5360	5368	5412	5407
	5	5345	5511	5671	5606	5341
	10	5617	5540	5305	5451	5329
	15	5522	5592	5579	5401	5702
	20	5251	5502	5692	5263	5330
	25	5279	5675	5418	5590	5334
	30	5615	5384	5308	5446	5381
	35	5568	5630	5423	5490	5526
	40	5309	5525	5500	5562	5268
	45	5583	5340	5528	5379	5664
	50	5542	5638	5366	5405	5393
	55	5355	5332	5378	5492	5600
	60	5476	5650	5646	5608	5391
	65	5274	5674	5325	5462	5450
	70	5417	5585	5358	5342	5367
	75	5712	5597	5651	5614	5365
	80	5250	5303	5276	5599	5278
	85	5339	5273	5299	5637	5347
	90	5440	5554	5387	5452	5715
	95	5467	5426	5687	5323	5564

Trial ID	Frequency List (MHz)	0	1	2	3	4
28	0	5340	5599	5298	5573	5627
	5	5387	5533	5271	5294	5550
	10	5451	5329	5348	5646	5350
	15	5513	5630	5682	5446	5429
	20	5259	5668	5633	5358	5303
	25	5642	5539	5563	5522	5663
	30	5632	5698	5572	5557	5266
	35	5281	5523	5576	5491	5365
	40	5392	5461	5265	5559	5551
	45	5423	5489	5424	5321	5415
	50	5494	5691	5287	5520	5332
	55	5695	5571	5356	5643	5575
	60	5579	5436	5431	5334	5696
	65	5506	5595	5285	5619	5526
	70	5422	5440	5469	5319	5713
	75	5390	5283	5586	5428	5493
	80	5434	5313	5300	5486	5441
	85	5253	5521	5616	5383	5543
	90	5327	5349	5462	5339	5405
	95	5453	5295	5548	5618	5315

Trial ID	Frequency List (MHz)	0	1	2	3	4
29	0	5595	5363	5715	5259	5469
	5	5429	5458	5346	5457	5280
	10	5382	5593	5387	5366	5371
	15	5601	5274	5310	5491	5611
	20	5645	5262	5574	5344	5276
	25	5433	5379	5291	5626	5697
	30	5674	5587	5529	5339	5709
	35	5464	5562	5372	5319	5254
	40	5415	5301	5475	5401	5408
	45	5653	5504	5543	5506	5547
	50	5485	5341	5672	5515	5468
	55	5583	5514	5621	5708	5286
	60	5300	5542	5331	5520	5411
	65	5395	5632	5386	5724	5716
	70	5487	5691	5512	5283	5445
	75	5658	5510	5426	5559	5680
	80	5264	5596	5473	5297	5666
	85	5486	5723	5484	5337	5320
	90	5710	5492	5359	5696	5508
	95	5350	5532	5599	5418	5685

Parameter Data sheet for Radar Type 6

5510MHz (11ac-40)

Trial ID	Frequency List (MHz)	0	1	2	3	4
0	0	5467	5366	5537	5478	5393
	5	5516	5650	5318	5438	5567
	10	5365	5580	5416	5336	5279
	15	5329	5285	5389	5430	5371
	20	5352	5269	5441	5255	5530
	25	5346	5470	5520	5561	5448
	30	5664	5714	5265	5569	5313
	35	5280	5301	5572	5429	5266
	40	5405	5404	5627	5636	5509
	45	5640	5384	5475	5424	5600
	50	5514	5629	5295	5297	5296
	55	5380	5482	5337	5628	5376
	60	5565	5325	5589	5691	5613
	65	5435	5680	5667	5433	5686
	70	5702	5673	5532	5308	5579
	75	5314	5536	5637	5487	5649
	80	5388	5710	5254	5526	5299
	85	5415	5658	5278	5409	5645
	90	5674	5379	5387	5566	5428
	95	5584	5303	5392	5587	5335

Trial ID	Frequency List (MHz)	0	1	2	3	4
1	0	5722	5605	5473	5639	5613
	5	5558	5672	5393	5601	5299
	10	5296	5369	5457	5531	5300
	15	5320	5315	5492	5475	5563
	20	5360	5435	5382	5503	5612
	25	5419	5723	5665	5482	5706
	30	5700	5697	5556	5721	5608
	35	5483	5371	5572	5250	5440
	40	5580	5488	5499	5547	5468
	45	5489	5290	5437	5265	5301
	50	5565	5537	5476	5251	5486
	55	5674	5453	5318	5321	5397
	60	5626	5632	5514	5659	5291
	65	5645	5470	5602	5705	5425
	70	5604	5491	5655	5347	5625
	75	5295	5313	5650	5268	5338
	80	5434	5385	5354	5710	5668
	85	5586	5377	5431	5573	5574
	90	5664	5679	5459	5493	5442
	95	5550	5310	5687	5398	5582

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Trial ID	Frequency List (MHz)	0	1	2	3	4
2	0	5405	5369	5415	5325	5455
	5	5697	5597	5468	5289	5504
	10	5605	5633	5496	5251	5321
	15	5408	5434	5595	5423	5270
	20	5368	5420	5330	5476	5500
	25	5259	5451	5294	5516	5370
	30	5589	5654	5296	5495	5331
	35	5616	5462	5465	5403	5364
	40	5419	5571	5342	5312	5718
	45	5399	5481	5348	5498	5627
	50	5651	5487	5618	5723	5432
	55	5671	5680	5688	5493	5424
	60	5363	5704	5450	5578	5715
	65	5614	5319	5477	5253	5674
	70	5658	5328	5268	5580	5448
	75	5600	5467	5293	5285	5514
	80	5594	5382	5531	5613	5510
	85	5537	5596	5683	5264	5628
	90	5341	5556	5526	5497	5631
	95	5484	5291	5315	5414	5579

Trial ID	Frequency List (MHz)	0	1	2	3	4
3	0	5660	5608	5345	5486	5675
	5	5264	5619	5543	5355	5335
	10	5536	5422	5539	5446	5342
	15	5496	5569	5698	5468	5472
	20	5279	5670	5361	5328	5449
	25	5388	5695	5654	5495	5550
	30	5412	5575	5611	5511	5647
	35	5626	5286	5553	5261	5653
	40	5268	5258	5276	5278	5552
	45	5715	5704	5414	5406	5417
	50	5527	5667	5337	5594	5267
	55	5287	5634	5391	5312	5395
	60	5627	5648	5308	5633	5375
	65	5524	5538	5557	5266	5687
	70	5637	5551	5271	5333	5598
	75	5459	5409	5593	5490	5339
	80	5257	5720	5305	5657	5379
	85	5269	5516	5352	5512	5303
	90	5685	5374	5494	5429	5676
	95	5650	5574	5615	5418	5491

Trial ID	Frequency List (MHz)	0	1	2	3	4
4	0	5440	5372	5287	5647	5517
	5	5306	5544	5618	5518	5540
	10	5467	5308	5578	5641	5363
	15	5584	5688	5704	5513	5276
	20	5264	5302	5411	5422	5654
	25	5535	5285	5599	5454	5464
	30	5568	5251	5421	5349	5419
	35	5644	5532	5331	5289	5572
	40	5359	5693	5317	5712	5635
	45	5344	5497	5367	5604	5304
	50	5364	5720	5426	5320	5698
	55	5475	5588	5593	5509	5269
	60	5281	5336	5253	5465	5674
	65	5470	5512	5294	5519	5432
	70	5334	5252	5431	5441	5435
	75	5366	5610	5482	5327	5408
	80	5551	5256	5279	5446	5516
	85	5291	5560	5505	5650	5425
	90	5607	5314	5594	5686	5696
	95	5483	5677	5377	5627	5424

Trial ID	Frequency List (MHz)	0	1	2	3	4
5	0	5695	5611	5698	5333	5262
	5	5348	5566	5693	5681	5272
	10	5301	5572	5716	5264	5384
	15	5575	5340	5332	5461	5468
	20	5295	5430	5403	5395	5542
	25	5387	5488	5703	5618	5593
	30	5353	5525	5369	5573	5644
	35	5357	5425	5484	5678	5508
	40	5442	5631	5460	5709	5564
	45	5324	5580	5560	5569	5657
	50	5540	5296	5515	5545	5663
	55	5686	5328	5715	5410	5501
	60	5673	5297	5597	5513	5465
	65	5708	5254	5512	5713	5434
	70	5668	5411	5325	5255	5625
	75	5308	5274	5518	5420	5405
	80	5276	5641	5419	5608	5523
	85	5600	5379	5380	5284	5692
	90	5633	5365	5311	5674	5662
	95	5680	5275	5606	5527	5531

Trial ID	Frequency List (MHz)	0	1	2	3	4
6	0	5475	5375	5628	5397	5579
	5	5487	5491	5293	5369	5578
	10	5707	5361	5284	5459	5405
	15	5663	5378	5435	5506	5670
	20	5681	5596	5281	5498	5368
	25	5333	5348	5691	5332	5652
	30	5635	5339	5482	5584	5347
	35	5367	5606	5448	5696	5259
	40	5582	5622	5567	5700	5328
	45	5394	5292	5483	5605	5456
	50	5533	5706	5345	5604	5441
	55	5477	5376	5496	5389	5686
	60	5539	5668	5715	5425	5288
	65	5404	5277	5561	5594	5338
	70	5321	5439	5523	5387	5286
	75	5306	5671	5297	5526	5531
	80	5598	5489	5468	5273	5476
	85	5322	5547	5595	5307	5386
	90	5624	5449	5316	5655	5625
	95	5329	5675	5717	5664	5618

Trial ID	Frequency List (MHz)	0	1	2	3	4
7	0	5633	5614	5570	5558	5324
	5	5529	5513	5368	5435	5308
	10	5541	5625	5323	5654	5426
	15	5276	5497	5538	5551	5377
	20	5689	5665	5697	5484	5341
	25	5696	5663	5419	5533	5589
	30	5677	5703	5439	5499	5662
	35	5264	5539	5492	5412	5506
	40	5661	5705	5507	5465	5325
	45	5284	5271	5444	5666	5721
	50	5312	5417	5398	5315	5336
	55	5564	5450	5591	5344	5657
	60	5571	5356	5660	5724	5405
	65	5489	5359	5305	5296	5486
	70	5596	5278	5307	5537	5366
	75	5363	5718	5251	5339	5270
	80	5681	5641	5369	5651	5531
	85	5653	5322	5389	5546	5351
	90	5384	5401	5530	5326	5604
	95	5432	5708	5297	5648	5467

Trial ID	Frequency List (MHz)	0	1	2	3	4
8	0	5413	5378	5506	5719	5641
	5	5571	5438	5443	5598	5515
	10	5472	5414	5364	5374	5447
	15	5624	5596	5569	5697	5356
	20	5638	5573	5314	5487	5612
	25	5622	5637	5623	5592	5396
	30	5539	5273	5482	5306	5630
	35	5385	5565	5517	5500	5313
	40	5445	5608	5322	5632	5264
	45	5354	5502	5663	5593	5449
	50	5404	5465	5280	5277	5531
	55	5700	5521	5605	5365	5647
	60	5448	5312	5308	5603	5281
	65	5399	5293	5540	5690	5339
	70	5677	5518	5251	5458	5276
	75	5625	5340	5594	5267	5373
	80	5706	5606	5604	5694	5338
	85	5649	5350	5304	5332	5389
	90	5541	5250	5352	5254	5444
	95	5349	5361	5272	5412	5285

Trial ID	Frequency List (MHz)	0	1	2	3	4
9	0	5668	5617	5436	5405	5386
	5	5613	5460	5518	5286	5346
	10	5403	5300	5407	5569	5468
	15	5452	5284	5647	5544	5296
	20	5608	5425	5676	5571	5287
	25	5375	5476	5253	5266	5657
	30	5383	5578	5353	5680	5451
	35	5721	5656	5340	5421	5396
	40	5373	5319	5559	5707	5437
	45	5560	5289	5398	5539	5662
	50	5498	5493	5288	5590	5368
	55	5358	5484	5457	5502	5354
	60	5688	5550	5672	5475	5394
	65	5513	5251	5338	5551	5697
	70	5519	5279	5642	5545	5693
	75	5541	5591	5638	5528	5715
	80	5710	5416	5506	5586	5603
	85	5645	5581	5311	5659	5389
	90	5418	5548	5469	5334	5563
	95	5649	5713	5312	5326	5464

Trial ID	Frequency List (MHz)	0	1	2	3	4
10	0	5448	5478	5378	5566	5703
	5	5277	5385	5593	5449	5551
	10	5712	5564	5446	5667	5489
	15	5443	5403	5275	5589	5616
	20	5591	5617	5654	5260	5263
	25	5316	5456	5370	5691	5425
	30	5467	5310	5397	5674	5500
	35	5584	5434	5452	5493	5345
	40	5576	5699	5613	5490	5520
	45	5521	5350	5285	5415	5373
	50	5582	5586	5546	5556	5312
	55	5686	5276	5473	5483	5376
	60	5592	5504	5299	5340	5336
	65	5681	5645	5383	5688	5362
	70	5643	5291	5669	5498	5439
	75	5283	5574	5487	5399	5662
	80	5571	5342	5639	5603	5629
	85	5416	5527	5343	5573	5368
	90	5634	5441	5609	5531	5381
	95	5462	5697	5337	5685	5567

Trial ID	Frequency List (MHz)	0	1	2	3	4
11	0	5606	5717	5314	5252	5448
	5	5319	5407	5668	5515	5283
	10	5643	5353	5487	5387	5510
	15	5531	5433	5378	5634	5670
	20	5624	5660	5558	5646	5708
	25	5529	5265	5659	5474	5250
	30	5467	5356	5267	5612	5351
	35	5698	5723	5525	5589	5637
	40	5410	5322	5582	5603	5579
	45	5403	5550	5669	5549	5602
	50	5293	5409	5393	5269	5644
	55	5401	5473	5444	5541	5537
	60	5336	5697	5286	5630	5255
	65	5380	5713	5661	5285	5348
	70	5268	5615	5645	5457	5408
	75	5264	5509	5443	5260	5405
	80	5636	5580	5506	5329	5592
	85	5608	5492	5394	5346	5566
	90	5324	5447	5546	5316	5296
	95	5398	5517	5303	5710	5664

Trial ID	Frequency List (MHz)	0	1	2	3	4
12	0	5386	5481	5719	5413	5290
	5	5361	5332	5268	5678	5589
	10	5574	5617	5530	5582	5531
	15	5619	5568	5679	5494	5535
	20	5351	5596	5266	5681	5417
	25	5604	5387	5675	5284	5606
	30	5342	5699	5352	5600	5518
	35	5296	5616	5421	5260	5428
	40	5267	5573	5521	5407	5724
	45	5550	5686	5637	5437	5545
	50	5715	5651	5382	5610	5325
	55	5457	5598	5482	5292	5318
	60	5644	5708	5265	5525	5329
	65	5360	5299	5687	5605	5484
	70	5357	5334	5273	5470	5621
	75	5418	5401	5426	5385	5658
	80	5419	5522	5709	5468	5633
	85	5409	5664	5315	5348	5590
	90	5489	5449	5673	5314	5399
	95	5572	5287	5578	5544	5298

Trial ID	Frequency List (MHz)	0	1	2	3	4
13	0	5641	5720	5661	5574	5510
	5	5403	5354	5343	5366	5319
	10	5408	5406	5666	5302	5552
	15	5707	5687	5584	5627	5676
	20	5543	5420	5537	5252	5654
	25	5683	5541	5590	5304	5318
	30	5648	5706	5656	5470	5277
	35	5716	5429	5412	5659	5267
	40	5350	5513	5286	5404	5558
	45	5542	5294	5598	5702	5421
	50	5426	5704	5471	5433	5645
	55	5684	5586	5289	5298	5396
	60	5524	5572	5446	5275	5561
	65	5528	5705	5422	5400	5526
	70	5320	5371	5313	5597	5375
	75	5724	5546	5431	5631	5671
	80	5632	5480	5588	5628	5630
	85	5495	5409	5585	5615	5325
	90	5399	5367	5459	5614	5555
	95	5417	5432	5271	5506	5525

Trial ID	Frequency List (MHz)	0	1	2	3	4
14	0	5421	5484	5591	5638	5255
	5	5542	5279	5418	5529	5528
	10	5339	5670	5709	5497	5573
	15	5698	5347	5590	5672	5403
	20	5551	5586	5478	5627	5571
	25	5405	5696	5408	5352	5690
	30	5692	5613	5685	5526	5536
	35	5574	5323	5683	5252	5660
	40	5678	5530	5449	5401	5485
	45	5510	5377	5656	5457	5589
	50	5297	5592	5278	5560	5256
	55	5358	5506	5387	5260	5427
	60	5563	5469	5404	5274	5287
	65	5471	5254	5565	5598	5376
	70	5546	5336	5717	5666	5448
	75	5267	5271	5657	5691	5708
	80	5312	5524	5687	5602	5668
	85	5353	5611	5344	5461	5539
	90	5340	5532	5585	5374	5502
	95	5504	5605	5295	5607	5420

Trial ID	Frequency List (MHz)	0	1	2	3	4
15	0	5676	5723	5527	5324	5572
	5	5584	5301	5493	5595	5357
	10	5648	5556	5275	5594	5311
	15	5474	5693	5717	5462	5277
	20	5516	5339	5600	5362	5257
	25	5424	5512	5386	5354	5581
	30	5570	5425	5678	5356	5616
	35	5511	5576	5405	5574	5517
	40	5613	5387	5291	5398	5414
	45	5490	5460	5714	5510	5379
	50	5551	5293	5329	5271	5554
	55	5438	5546	5577	5602	5706
	60	5253	5711	5575	5264	5585
	65	5420	5310	5464	5562	5292
	70	5389	5395	5452	5295	5589
	75	5620	5698	5700	5280	5346
	80	5279	5525	5690	5366	5650
	85	5697	5633	5404	5384	5509
	90	5564	5573	5544	5547	5640
	95	5336	5272	5607	5390	5344

Trial ID	Frequency List (MHz)	0	1	2	3	4
16	0	5359	5487	5469	5485	5317
	5	5626	5701	5568	5283	5562
	10	5579	5345	5314	5315	5615
	15	5399	5496	5321	5665	5302
	20	5470	5346	5457	5422	5573
	25	5250	5669	5627	5713	5420
	30	5396	5527	5640	5452	5554
	35	5274	5602	5372	5655	5498
	40	5356	5696	5327	5434	5395
	45	5723	5482	5543	5675	5571
	50	5266	5427	5479	5382	5360
	55	5377	5394	5637	5414	5304
	60	5421	5580	5685	5416	5311
	65	5375	5716	5296	5357	5529
	70	5364	5477	5428	5252	5534
	75	5334	5288	5671	5390	5298
	80	5508	5439	5524	5702	5690
	85	5683	5601	5424	5501	5358
	90	5636	5325	5577	5574	5522
	95	5647	5695	5320	5297	5365

Trial ID	Frequency List (MHz)	0	1	2	3	4
17	0	5614	5251	5399	5646	5634
	5	5668	5723	5643	5446	5296
	10	5510	5609	5357	5636	5487
	15	5631	5424	5710	5504	5478
	20	5512	5398	5420	5546	5516
	25	5533	5355	5342	5454	5438
	30	5456	5484	5283	5604	5374
	35	5419	5693	5333	5499	5670
	40	5401	5641	5674	5489	5650
	45	5353	5626	5258	5616	5531
	50	5303	5645	5431	5449	5578
	55	5704	5350	5368	5482	5715
	60	5551	5339	5583	5472	5324
	65	5318	5285	5506	5724	5352
	70	5458	5568	5404	5688	5430
	75	5334	5660	5254	5403	5564
	80	5502	5521	5440	5593	5622
	85	5673	5606	5466	5409	5308
	90	5620	5267	5576	5544	5364
	95	5665	5581	5275	5640	5720

Trial ID	Frequency List (MHz)	0	1	2	3	4
18	0	5394	5490	5341	5332	5379
	5	5270	5718	5609	5501	5344
	10	5398	5396	5705	5657	5478
	15	5275	5527	5280	5686	5389
	20	5581	5436	5503	5519	5404
	25	5470	5558	5446	5488	5577
	30	5345	5441	5498	5378	5572
	35	5552	5309	5439	5486	5423
	40	5606	5484	5709	5316	5580
	45	5418	5557	5356	5538	5401
	50	5660	5322	5684	5437	5522
	55	5371	5271	5346	5304	5720
	60	5335	5273	5691	5338	5610
	65	5605	5444	5411	5380	5645
	70	5375	5574	5477	5633	5409
	75	5513	5264	5565	5518	5617
	80	5496	5464	5624	5711	5334
	85	5363	5560	5343	5432	5586
	90	5493	5293	5614	5330	5385
	95	5568	5701	5643	5596	5505

Trial ID	Frequency List (MHz)	0	1	2	3	4
19	0	5649	5254	5277	5493	5696
	5	5374	5670	5297	5330	5275
	10	5662	5437	5425	5678	5566
	15	5402	5533	5325	5403	5397
	20	5272	5377	5495	5492	5292
	25	5322	5664	5550	5522	5619
	30	5709	5398	5713	5530	5392
	35	5594	5400	5332	5261	5337
	40	5445	5567	5519	5582	5483
	45	5413	5317	5633	5683	5433
	50	5532	5535	5627	5699	5507
	55	5251	5276	5302	5256	5500
	60	5436	5291	5611	5546	5620
	65	5697	5252	5548	5314	5299
	70	5430	5583	5638	5356	5604
	75	5722	5694	5523	5614	5661
	80	5623	5591	5428	5628	5515
	85	5496	5306	5684	5333	5597
	90	5689	5527	5506	5253	5385
	95	5369	5466	5544	5366	5691

Trial ID	Frequency List (MHz)	0	1	2	3	4
20	0	5332	5493	5682	5654	5441
	5	5416	5692	5296	5363	5539
	10	5681	5548	5480	5523	5699
	15	5537	5636	5273	5702	5405
	20	5341	5318	5590	5465	5558
	25	5283	5392	5276	5556	5661
	30	5695	5355	5453	5304	5264
	35	5491	5603	5414	5338	5284
	40	5650	5455	5347	5340	5293
	45	5400	5335	5678	5570	5309
	50	5698	5584	5522	5439	5705
	55	5550	5367	5629	5711	5443
	60	5374	5566	5359	5640	5380
	65	5614	5371	5685	5565	5715
	70	5339	5666	5438	5382	5594
	75	5313	5415	5647	5399	5720
	80	5659	5513	5642	5368	5577
	85	5361	5287	5691	5452	5388
	90	5420	5254	5440	5450	5334
	95	5560	5562	5671	5454	5390

Trial ID	Frequency List (MHz)	0	1	2	3	4
21	0	5587	5257	5624	5718	5283
	5	5555	5617	5371	5526	5269
	10	5515	5337	5616	5720	5267
	15	5559	5264	5318	5409	5316
	20	5507	5259	5576	5438	5446
	25	5598	5595	5380	5590	5703
	30	5584	5312	5571	5456	5410
	35	5397	5679	5399	5567	5262
	40	5355	5395	5477	5649	5285
	45	5483	5393	5360	5660	5637
	50	5427	5723	5298	5627	5659
	55	5682	5369	5338	5291	5278
	60	5372	5295	5512	5560	5702
	65	5476	5540	5499	5686	5336
	70	5522	5362	5334	5690	5271
	75	5628	5281	5376	5412	5349
	80	5302	5562	5707	5715	5607
	85	5322	5354	5656	5452	5701
	90	5498	5648	5523	5287	5495
	95	5434	5444	5275	5384	5309

Trial ID	Frequency List (MHz)	0	1	2	3	4
22	0	5367	5496	5560	5404	5503
	5	5597	5639	5446	5689	5573
	10	5601	5657	5438	5266	5258
	15	5686	5363	5324	5576	5297
	20	5665	5411	5712	5450	5323
	25	5484	5624	5570	5269	5311
	30	5705	5439	5295	5292	5342
	35	5651	5437	5333	5352	5571
	40	5578	5265	5566	5354	5317
	45	5722	5585	5688	5516	5546
	50	5717	5718	5613	5397	5309
	55	5412	5456	5698	5679	5596
	60	5555	5383	5544	5263	5422
	65	5368	5675	5612	5485	5660
	70	5662	5481	5532	5482	5380
	75	5557	5467	5381	5409	5348
	80	5302	5501	5670	5432	5475
	85	5373	5602	5379	5617	5707
	90	5530	5632	5304	5550	5418
	95	5257	5423	5378	5582	5403

Trial ID	Frequency List (MHz)	0	1	2	3	4
23	0	5622	5260	5490	5565	5345
	5	5639	5564	5521	5377	5307
	10	5390	5700	5633	5287	5346
	15	5470	5408	5328	5332	5267
	20	5713	5663	5384	5600	5411
	25	5526	5588	5658	5409	5459
	30	5701	5382	5428	5584	5386
	35	5563	5495	5652	5373	5269
	40	5568	5708	5649	5412	5362
	45	5512	5315	5276	5262	5605
	50	5369	5552	5431	5575	5385
	55	5280	5444	5623	5643	5511
	60	5424	5501	5487	5685	5632
	65	5638	5498	5684	5471	5316
	70	5418	5442	5525	5602	5523
	75	5394	5675	5514	5599	5406
	80	5282	5680	5343	5517	5440
	85	5327	5371	5674	5709	5457
	90	5650	5402	5499	5303	5481
	95	5615	5375	5397	5508	5482

Trial ID	Frequency List (MHz)	0	1	2	3	4
24	0	5402	5499	5432	5251	5565
	5	5681	5586	5596	5443	5512
	10	5686	5654	5264	5353	5308
	15	5434	5465	5476	5356	5510
	20	5718	5336	5271	5357	5391
	25	5632	5314	5692	5451	5348
	30	5658	5266	5631	5723	5717
	35	5477	5359	5648	5576	5687
	40	5701	5587	5260	5339	5603
	45	5257	5470	5326	5399	5666
	50	5462	5315	5316	5667	5508
	55	5619	5424	5302	5679	5629
	60	5573	5311	5588	5343	5345
	65	5447	5407	5442	5713	5464
	70	5433	5281	5378	5457	5317
	75	5261	5614	5373	5722	5569
	80	5616	5504	5446	5676	5662
	85	5403	5556	5680	5660	5693
	90	5719	5623	5397	5472	5341
	95	5503	5672	5278	5435	5483

Trial ID	Frequency List (MHz)	0	1	2	3	4
25	0	5560	5360	5368	5412	5407
	5	5345	5511	5671	5606	5341
	10	5617	5540	5305	5451	5329
	15	5522	5592	5579	5401	5702
	20	5251	5502	5692	5263	5330
	25	5279	5675	5418	5590	5334
	30	5615	5384	5308	5446	5381
	35	5568	5630	5423	5490	5526
	40	5309	5525	5500	5562	5268
	45	5583	5340	5528	5379	5664
	50	5542	5638	5366	5405	5393
	55	5355	5332	5378	5492	5600
	60	5476	5650	5646	5608	5391
	65	5274	5674	5325	5462	5450
	70	5417	5585	5358	5342	5367
	75	5712	5597	5651	5614	5365
	80	5250	5303	5276	5599	5278
	85	5339	5273	5299	5637	5347
	90	5440	5554	5387	5452	5715
	95	5467	5426	5687	5323	5564

Trial ID	Frequency List (MHz)	0	1	2	3	4
26	0	5340	5599	5298	5573	5627
	5	5387	5533	5271	5294	5550
	10	5451	5329	5348	5646	5350
	15	5513	5630	5682	5446	5429
	20	5259	5668	5633	5358	5303
	25	5642	5539	5563	5522	5663
	30	5632	5698	5572	5557	5266
	35	5281	5523	5576	5491	5365
	40	5392	5461	5265	5559	5551
	45	5423	5489	5424	5321	5415
	50	5494	5691	5287	5520	5332
	55	5695	5571	5356	5643	5575
	60	5579	5436	5431	5334	5696
	65	5506	5595	5285	5619	5526
	70	5422	5440	5469	5319	5713
	75	5390	5283	5586	5428	5493
	80	5434	5313	5300	5486	5441
	85	5253	5521	5616	5383	5543
	90	5327	5349	5462	5339	5405
	95	5453	5295	5548	5618	5315

Trial ID	Frequency List (MHz)	0	1	2	3	4
27	0	5595	5363	5715	5259	5469
	5	5429	5458	5346	5457	5280
	10	5382	5593	5387	5366	5371
	15	5601	5274	5310	5491	5611
	20	5645	5262	5574	5344	5276
	25	5433	5379	5291	5626	5697
	30	5674	5587	5529	5339	5709
	35	5464	5562	5372	5319	5254
	40	5415	5301	5475	5401	5408
	45	5653	5504	5543	5506	5547
	50	5485	5341	5672	5515	5468
	55	5583	5514	5621	5708	5286
	60	5300	5542	5331	5520	5411
	65	5395	5632	5386	5724	5716
	70	5487	5691	5512	5283	5445
	75	5658	5510	5426	5559	5680
	80	5264	5596	5473	5297	5666
	85	5486	5723	5484	5337	5320
	90	5710	5492	5359	5696	5508
	95	5350	5532	5599	5418	5685

Trial ID	Frequency List (MHz)	0	1	2	3	4
28	0	5375	5602	5651	5323	5689
	5	5471	5480	5421	5523	5584
	10	5313	5382	5428	5561	5392
	15	5401	5413	5439	5425	5653
	20	5612	5433	5724	5321	5328
	25	5494	5255	5256	5338	5573
	30	5486	5554	5483	5284	5701
	35	5463	5590	5504	5329	5615
	40	5655	5339	5648	5650	5336
	45	5589	5605	5538	5703	5548
	50	5691	5519	5294	5337	5565
	55	5715	5490	5333	5416	5614
	60	5496	5562	5718	5696	5358
	65	5335	5285	5282	5346	5385
	70	5498	5510	5710	5530	5630
	75	5472	5540	5457	5275	5520
	80	5536	5386	5389	5697	5264
	85	5343	5449	5388	5568	5657
	90	5462	5445	5481	5600	5405
	95	5516	5595	5521	5539	5305

Trial ID	Frequency List (MHz)	0	1	2	3	4
29	0	5533	5366	5581	5484	5531
	5	5610	5405	5496	5686	5318
	10	5622	5646	5568	5281	5413
	15	5302	5536	5419	5627	5661
	20	5497	5553	5431	5697	5587
	25	5667	5456	5290	5380	5462
	30	5443	5672	5635	5579	5371
	35	5554	5483	5657	5330	5454
	40	5263	5275	5647	5491	5566
	45	5583	5493	5424	5382	5383
	50	5538	5400	5512	5669	5668
	55	5530	5387	5663	5507	5550
	60	5621	5656	5278	5707	5283
	65	5552	5644	5457	5625	5365
	70	5397	5671	5523	5615	5529
	75	5612	5385	5311	5451	5599
	80	5291	5696	5292	5539	5714
	85	5525	5317	5342	5337	5631
	90	5347	5464	5370	5363	5601
	95	5460	5597	5560	5458	5624

Parameter Data sheet for Radar Type 6

5530MHz (11ac-80)

Trial ID	Frequency List (MHz)	0	1	2	3	4
0	0	5440	5372	5287	5647	5517
	5	5306	5544	5618	5518	5540
	10	5467	5308	5578	5641	5363
	15	5584	5688	5704	5513	5276
	20	5264	5302	5411	5422	5654
	25	5535	5285	5599	5454	5464
	30	5568	5251	5421	5349	5419
	35	5644	5532	5331	5289	5572
	40	5359	5693	5317	5712	5635
	45	5344	5497	5367	5604	5304
	50	5364	5720	5426	5320	5698
	55	5475	5588	5593	5509	5269
	60	5281	5336	5253	5465	5674
	65	5470	5512	5294	5519	5432
	70	5334	5252	5431	5441	5435
	75	5366	5610	5482	5327	5408
	80	5551	5256	5279	5446	5516
	85	5291	5560	5505	5650	5425
	90	5607	5314	5594	5686	5696
	95	5483	5677	5377	5627	5424

Trial ID	Frequency List (MHz)	0	1	2	3	4
1	0	5695	5611	5698	5333	5262
	5	5348	5566	5693	5681	5272
	10	5301	5572	5716	5264	5384
	15	5575	5340	5332	5461	5468
	20	5295	5430	5403	5395	5542
	25	5387	5488	5703	5618	5593
	30	5353	5525	5369	5573	5644
	35	5357	5425	5484	5678	5508
	40	5442	5631	5460	5709	5564
	45	5324	5580	5560	5569	5657
	50	5540	5296	5515	5545	5663
	55	5686	5328	5715	5410	5501
	60	5673	5297	5597	5513	5465
	65	5708	5254	5512	5713	5434
	70	5668	5411	5325	5255	5625
	75	5308	5274	5518	5420	5405
	80	5276	5641	5419	5608	5523
	85	5600	5379	5380	5284	5692
	90	5633	5365	5311	5674	5662
	95	5680	5275	5606	5527	5531

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Trial ID	Frequency List (MHz)	0	1	2	3	4
2	0	5475	5375	5628	5397	5579
	5	5487	5491	5293	5369	5578
	10	5707	5361	5284	5459	5405
	15	5663	5378	5435	5506	5670
	20	5681	5596	5281	5498	5368
	25	5333	5348	5691	5332	5652
	30	5635	5339	5482	5584	5347
	35	5367	5606	5448	5696	5259
	40	5582	5622	5567	5700	5328
	45	5394	5292	5483	5605	5456
	50	5533	5706	5345	5604	5441
	55	5477	5376	5496	5389	5686
	60	5539	5668	5715	5425	5288
	65	5404	5277	5561	5594	5338
	70	5321	5439	5523	5387	5286
	75	5306	5671	5297	5526	5531
	80	5598	5489	5468	5273	5476
	85	5322	5547	5595	5307	5386
	90	5624	5449	5316	5655	5625
	95	5329	5675	5717	5664	5618

Trial ID	Frequency List (MHz)	0	1	2	3	4
3	0	5633	5614	5570	5558	5324
	5	5529	5513	5368	5435	5308
	10	5541	5625	5323	5654	5426
	15	5276	5497	5538	5551	5377
	20	5689	5665	5697	5484	5341
	25	5696	5663	5419	5533	5589
	30	5677	5703	5439	5499	5662
	35	5264	5539	5492	5412	5506
	40	5661	5705	5507	5465	5325
	45	5284	5271	5444	5666	5721
	50	5312	5417	5398	5315	5336
	55	5564	5450	5591	5344	5657
	60	5571	5356	5660	5724	5405
	65	5489	5359	5305	5296	5486
	70	5596	5278	5307	5537	5366
	75	5363	5718	5251	5339	5270
	80	5681	5641	5369	5651	5531
	85	5653	5322	5389	5546	5351
	90	5384	5401	5530	5326	5604
	95	5432	5708	5297	5648	5467

Trial ID	Frequency List (MHz)	0	1	2	3	4
4	0	5413	5378	5506	5719	5641
	5	5571	5438	5443	5598	5515
	10	5472	5414	5364	5374	5447
	15	5624	5596	5569	5697	5356
	20	5638	5573	5314	5487	5612
	25	5622	5637	5623	5592	5396
	30	5539	5273	5482	5306	5630
	35	5385	5565	5517	5500	5313
	40	5445	5608	5322	5632	5264
	45	5354	5502	5663	5593	5449
	50	5404	5465	5280	5277	5531
	55	5700	5521	5605	5365	5647
	60	5448	5312	5308	5603	5281
	65	5399	5293	5540	5690	5339
	70	5677	5518	5251	5458	5276
	75	5625	5340	5594	5267	5373
	80	5706	5606	5604	5694	5338
	85	5649	5350	5304	5332	5389
	90	5541	5250	5352	5254	5444
	95	5349	5361	5272	5412	5285

Trial ID	Frequency List (MHz)	0	1	2	3	4
5	0	5668	5617	5436	5405	5386
	5	5613	5460	5518	5286	5346
	10	5403	5300	5407	5569	5468
	15	5452	5284	5647	5544	5296
	20	5608	5425	5676	5571	5287
	25	5375	5476	5253	5266	5657
	30	5383	5578	5353	5680	5451
	35	5721	5656	5340	5421	5396
	40	5373	5319	5559	5707	5437
	45	5560	5289	5398	5539	5662
	50	5498	5493	5288	5590	5368
	55	5358	5484	5457	5502	5354
	60	5688	5550	5672	5475	5394
	65	5513	5251	5338	5551	5697
	70	5519	5279	5642	5545	5693
	75	5541	5591	5638	5528	5715
	80	5710	5416	5506	5586	5603
	85	5645	5581	5311	5659	5389
	90	5418	5548	5469	5334	5563
	95	5649	5713	5312	5326	5464

Trial ID	Frequency List (MHz)	0	1	2	3	4
6	0	5448	5478	5378	5566	5703
	5	5277	5385	5593	5449	5551
	10	5712	5564	5446	5667	5489
	15	5443	5403	5275	5589	5616
	20	5591	5617	5654	5260	5263
	25	5316	5456	5370	5691	5425
	30	5467	5310	5397	5674	5500
	35	5584	5434	5452	5493	5345
	40	5576	5699	5613	5490	5520
	45	5521	5350	5285	5415	5373
	50	5582	5586	5546	5556	5312
	55	5686	5276	5473	5483	5376
	60	5592	5504	5299	5340	5336
	65	5681	5645	5383	5688	5362
	70	5643	5291	5669	5498	5439
	75	5283	5574	5487	5399	5662
	80	5571	5342	5639	5603	5629
	85	5416	5527	5343	5573	5368
	90	5634	5441	5609	5531	5381
	95	5462	5697	5337	5685	5567

Trial ID	Frequency List (MHz)	0	1	2	3	4
7	0	5606	5717	5314	5252	5448
	5	5319	5407	5668	5515	5283
	10	5643	5353	5487	5387	5510
	15	5531	5433	5378	5634	5670
	20	5624	5660	5558	5646	5708
	25	5529	5265	5659	5474	5250
	30	5467	5356	5267	5612	5351
	35	5698	5723	5525	5589	5637
	40	5410	5322	5582	5603	5579
	45	5403	5550	5669	5549	5602
	50	5293	5409	5393	5269	5644
	55	5401	5473	5444	5541	5537
	60	5336	5697	5286	5630	5255
	65	5380	5713	5661	5285	5348
	70	5268	5615	5645	5457	5408
	75	5264	5509	5443	5260	5405
	80	5636	5580	5506	5329	5592
	85	5608	5492	5394	5346	5566
	90	5324	5447	5546	5316	5296
	95	5398	5517	5303	5710	5664

Trial ID	Frequency List (MHz)	0	1	2	3	4
8	0	5386	5481	5719	5413	5290
	5	5361	5332	5268	5678	5589
	10	5574	5617	5530	5582	5531
	15	5619	5568	5679	5494	5535
	20	5351	5596	5266	5681	5417
	25	5604	5387	5675	5284	5606
	30	5342	5699	5352	5600	5518
	35	5296	5616	5421	5260	5428
	40	5267	5573	5521	5407	5724
	45	5550	5686	5637	5437	5545
	50	5715	5651	5382	5610	5325
	55	5457	5598	5482	5292	5318
	60	5644	5708	5265	5525	5329
	65	5360	5299	5687	5605	5484
	70	5357	5334	5273	5470	5621
	75	5418	5401	5426	5385	5658
	80	5419	5522	5709	5468	5633
	85	5409	5664	5315	5348	5590
	90	5489	5449	5673	5314	5399
	95	5572	5287	5578	5544	5298

Trial ID	Frequency List (MHz)	0	1	2	3	4
9	0	5641	5720	5661	5574	5510
	5	5403	5354	5343	5366	5319
	10	5408	5406	5666	5302	5552
	15	5707	5687	5584	5627	5676
	20	5543	5420	5537	5252	5654
	25	5683	5541	5590	5304	5318
	30	5648	5706	5656	5470	5277
	35	5716	5429	5412	5659	5267
	40	5350	5513	5286	5404	5558
	45	5542	5294	5598	5702	5421
	50	5426	5704	5471	5433	5645
	55	5684	5586	5289	5298	5396
	60	5524	5572	5446	5275	5561
	65	5528	5705	5422	5400	5526
	70	5320	5371	5313	5597	5375
	75	5724	5546	5431	5631	5671
	80	5632	5480	5588	5628	5630
	85	5495	5409	5585	5615	5325
	90	5399	5367	5459	5614	5555
	95	5417	5432	5271	5506	5525

Trial ID	Frequency List (MHz)	0	1	2	3	4
10	0	5421	5484	5591	5638	5255
	5	5542	5279	5418	5529	5528
	10	5339	5670	5709	5497	5573
	15	5698	5347	5590	5672	5403
	20	5551	5586	5478	5627	5571
	25	5405	5696	5408	5352	5690
	30	5692	5613	5685	5526	5536
	35	5574	5323	5683	5252	5660
	40	5678	5530	5449	5401	5485
	45	5510	5377	5656	5457	5589
	50	5297	5592	5278	5560	5256
	55	5358	5506	5387	5260	5427
	60	5563	5469	5404	5274	5287
	65	5471	5254	5565	5598	5376
	70	5546	5336	5717	5666	5448
	75	5267	5271	5657	5691	5708
	80	5312	5524	5687	5602	5668
	85	5353	5611	5344	5461	5539
	90	5340	5532	5585	5374	5502
	95	5504	5605	5295	5607	5420

Trial ID	Frequency List (MHz)	0	1	2	3	4
11	0	5676	5723	5527	5324	5572
	5	5584	5301	5493	5595	5357
	10	5648	5556	5275	5594	5311
	15	5474	5693	5717	5462	5277
	20	5516	5339	5600	5362	5257
	25	5424	5512	5386	5354	5581
	30	5570	5425	5678	5356	5616
	35	5511	5576	5405	5574	5517
	40	5613	5387	5291	5398	5414
	45	5490	5460	5714	5510	5379
	50	5551	5293	5329	5271	5554
	55	5438	5546	5577	5602	5706
	60	5253	5711	5575	5264	5585
	65	5420	5310	5464	5562	5292
	70	5389	5395	5452	5295	5589
	75	5620	5698	5700	5280	5346
	80	5279	5525	5690	5366	5650
	85	5697	5633	5404	5384	5509
	90	5564	5573	5544	5547	5640
	95	5336	5272	5607	5390	5344

Trial ID	Frequency List (MHz)	0	1	2	3	4
12	0	5359	5487	5469	5485	5317
	5	5626	5701	5568	5283	5562
	10	5579	5345	5314	5315	5615
	15	5399	5496	5321	5665	5302
	20	5470	5346	5457	5422	5573
	25	5250	5669	5627	5713	5420
	30	5396	5527	5640	5452	5554
	35	5274	5602	5372	5655	5498
	40	5356	5696	5327	5434	5395
	45	5723	5482	5543	5675	5571
	50	5266	5427	5479	5382	5360
	55	5377	5394	5637	5414	5304
	60	5421	5580	5685	5416	5311
	65	5375	5716	5296	5357	5529
	70	5364	5477	5428	5252	5534
	75	5334	5288	5671	5390	5298
	80	5508	5439	5524	5702	5690
	85	5683	5601	5424	5501	5358
	90	5636	5325	5577	5574	5522
	95	5647	5695	5320	5297	5365

Trial ID	Frequency List (MHz)	0	1	2	3	4
13	0	5614	5251	5399	5646	5634
	5	5668	5723	5643	5446	5296
	10	5510	5609	5357	5636	5487
	15	5631	5424	5710	5504	5478
	20	5512	5398	5420	5546	5516
	25	5533	5355	5342	5454	5438
	30	5456	5484	5283	5604	5374
	35	5419	5693	5333	5499	5670
	40	5401	5641	5674	5489	5650
	45	5353	5626	5258	5616	5531
	50	5303	5645	5431	5449	5578
	55	5704	5350	5368	5482	5715
	60	5551	5339	5583	5472	5324
	65	5318	5285	5506	5724	5352
	70	5458	5568	5404	5688	5430
	75	5334	5660	5254	5403	5564
	80	5502	5521	5440	5593	5622
	85	5673	5606	5466	5409	5308
	90	5620	5267	5576	5544	5364
	95	5665	5581	5275	5640	5720

Trial ID	Frequency List (MHz)	0	1	2	3	4
14	0	5394	5490	5341	5332	5379
	5	5270	5718	5609	5501	5344
	10	5398	5396	5705	5657	5478
	15	5275	5527	5280	5686	5389
	20	5581	5436	5503	5519	5404
	25	5470	5558	5446	5488	5577
	30	5345	5441	5498	5378	5572
	35	5552	5309	5439	5486	5423
	40	5606	5484	5709	5316	5580
	45	5418	5557	5356	5538	5401
	50	5660	5322	5684	5437	5522
	55	5371	5271	5346	5304	5720
	60	5335	5273	5691	5338	5610
	65	5605	5444	5411	5380	5645
	70	5375	5574	5477	5633	5409
	75	5513	5264	5565	5518	5617
	80	5496	5464	5624	5711	5334
	85	5363	5560	5343	5432	5586
	90	5493	5293	5614	5330	5385
	95	5568	5701	5643	5596	5505

Trial ID	Frequency List (MHz)	0	1	2	3	4
15	0	5649	5254	5277	5493	5696
	5	5374	5670	5297	5330	5275
	10	5662	5437	5425	5678	5566
	15	5402	5533	5325	5403	5397
	20	5272	5377	5495	5492	5292
	25	5322	5664	5550	5522	5619
	30	5709	5398	5713	5530	5392
	35	5594	5400	5332	5261	5337
	40	5445	5567	5519	5582	5483
	45	5413	5317	5633	5683	5433
	50	5532	5535	5627	5699	5507
	55	5251	5276	5302	5256	5500
	60	5436	5291	5611	5546	5620
	65	5697	5252	5548	5314	5299
	70	5430	5583	5638	5356	5604
	75	5722	5694	5523	5614	5661
	80	5623	5591	5428	5628	5515
	85	5496	5306	5684	5333	5597
	90	5689	5527	5506	5253	5385
	95	5369	5466	5544	5366	5691

Trial ID	Frequency List (MHz)	0	1	2	3	4
16	0	5332	5493	5682	5654	5441
	5	5416	5692	5296	5363	5539
	10	5681	5548	5480	5523	5699
	15	5537	5636	5273	5702	5405
	20	5341	5318	5590	5465	5558
	25	5283	5392	5276	5556	5661
	30	5695	5355	5453	5304	5264
	35	5491	5603	5414	5338	5284
	40	5650	5455	5347	5340	5293
	45	5400	5335	5678	5570	5309
	50	5698	5584	5522	5439	5705
	55	5550	5367	5629	5711	5443
	60	5374	5566	5359	5640	5380
	65	5614	5371	5685	5565	5715
	70	5339	5666	5438	5382	5594
	75	5313	5415	5647	5399	5720
	80	5659	5513	5642	5368	5577
	85	5361	5287	5691	5452	5388
	90	5420	5254	5440	5450	5334
	95	5560	5562	5671	5454	5390

Trial ID	Frequency List (MHz)	0	1	2	3	4
17	0	5587	5257	5624	5718	5283
	5	5555	5617	5371	5526	5269
	10	5515	5337	5616	5720	5267
	15	5559	5264	5318	5409	5316
	20	5507	5259	5576	5438	5446
	25	5598	5595	5380	5590	5703
	30	5584	5312	5571	5456	5410
	35	5397	5679	5399	5567	5262
	40	5355	5395	5477	5649	5285
	45	5483	5393	5360	5660	5637
	50	5427	5723	5298	5627	5659
	55	5682	5369	5338	5291	5278
	60	5372	5295	5512	5560	5702
	65	5476	5540	5499	5686	5336
	70	5522	5362	5334	5690	5271
	75	5628	5281	5376	5412	5349
	80	5302	5562	5707	5715	5607
	85	5322	5354	5656	5452	5701
	90	5498	5648	5523	5287	5495
	95	5434	5444	5275	5384	5309

Trial ID	Frequency List (MHz)	0	1	2	3	4
18	0	5367	5496	5560	5404	5503
	5	5597	5639	5446	5689	5573
	10	5601	5657	5438	5266	5258
	15	5686	5363	5324	5576	5297
	20	5665	5411	5712	5450	5323
	25	5484	5624	5570	5269	5311
	30	5705	5439	5295	5292	5342
	35	5651	5437	5333	5352	5571
	40	5578	5265	5566	5354	5317
	45	5722	5585	5688	5516	5546
	50	5717	5718	5613	5397	5309
	55	5412	5456	5698	5679	5596
	60	5555	5383	5544	5263	5422
	65	5368	5675	5612	5485	5660
	70	5662	5481	5532	5482	5380
	75	5557	5467	5381	5409	5348
	80	5302	5501	5670	5432	5475
	85	5373	5602	5379	5617	5707
	90	5530	5632	5304	5550	5418
	95	5257	5423	5378	5582	5403

Trial ID	Frequency List (MHz)	0	1	2	3	4
19	0	5622	5260	5490	5565	5345
	5	5639	5564	5521	5377	5307
	10	5390	5700	5633	5287	5346
	15	5470	5408	5328	5332	5267
	20	5713	5663	5384	5600	5411
	25	5526	5588	5658	5409	5459
	30	5701	5382	5428	5584	5386
	35	5563	5495	5652	5373	5269
	40	5568	5708	5649	5412	5362
	45	5512	5315	5276	5262	5605
	50	5369	5552	5431	5575	5385
	55	5280	5444	5623	5643	5511
	60	5424	5501	5487	5685	5632
	65	5638	5498	5684	5471	5316
	70	5418	5442	5525	5602	5523
	75	5394	5675	5514	5599	5406
	80	5282	5680	5343	5517	5440
	85	5327	5371	5674	5709	5457
	90	5650	5402	5499	5303	5481
	95	5615	5375	5397	5508	5482

Trial ID	Frequency List (MHz)	0	1	2	3	4
20	0	5402	5499	5432	5251	5565
	5	5681	5586	5596	5443	5512
	10	5686	5654	5264	5353	5308
	15	5434	5465	5476	5356	5510
	20	5718	5336	5271	5357	5391
	25	5632	5314	5692	5451	5348
	30	5658	5266	5631	5723	5717
	35	5477	5359	5648	5576	5687
	40	5701	5587	5260	5339	5603
	45	5257	5470	5326	5399	5666
	50	5462	5315	5316	5667	5508
	55	5619	5424	5302	5679	5629
	60	5573	5311	5588	5343	5345
	65	5447	5407	5442	5713	5464
	70	5433	5281	5378	5457	5317
	75	5261	5614	5373	5722	5569
	80	5616	5504	5446	5676	5662
	85	5403	5556	5680	5660	5693
	90	5719	5623	5397	5472	5341
	95	5503	5672	5278	5435	5483

Trial ID	Frequency List (MHz)	0	1	2	3	4
21	0	5560	5360	5368	5412	5407
	5	5345	5511	5671	5606	5341
	10	5617	5540	5305	5451	5329
	15	5522	5592	5579	5401	5702
	20	5251	5502	5692	5263	5330
	25	5279	5675	5418	5590	5334
	30	5615	5384	5308	5446	5381
	35	5568	5630	5423	5490	5526
	40	5309	5525	5500	5562	5268
	45	5583	5340	5528	5379	5664
	50	5542	5638	5366	5405	5393
	55	5355	5332	5378	5492	5600
	60	5476	5650	5646	5608	5391
	65	5274	5674	5325	5462	5450
	70	5417	5585	5358	5342	5367
	75	5712	5597	5651	5614	5365
	80	5250	5303	5276	5599	5278
	85	5339	5273	5299	5637	5347
	90	5440	5554	5387	5452	5715
	95	5467	5426	5687	5323	5564

Trial ID	Frequency List (MHz)	0	1	2	3	4
22	0	5340	5599	5298	5573	5627
	5	5387	5533	5271	5294	5550
	10	5451	5329	5348	5646	5350
	15	5513	5630	5682	5446	5429
	20	5259	5668	5633	5358	5303
	25	5642	5539	5563	5522	5663
	30	5632	5698	5572	5557	5266
	35	5281	5523	5576	5491	5365
	40	5392	5461	5265	5559	5551
	45	5423	5489	5424	5321	5415
	50	5494	5691	5287	5520	5332
	55	5695	5571	5356	5643	5575
	60	5579	5436	5431	5334	5696
	65	5506	5595	5285	5619	5526
	70	5422	5440	5469	5319	5713
	75	5390	5283	5586	5428	5493
	80	5434	5313	5300	5486	5441
	85	5253	5521	5616	5383	5543
	90	5327	5349	5462	5339	5405
	95	5453	5295	5548	5618	5315

Trial ID	Frequency List (MHz)	0	1	2	3	4
23	0	5595	5363	5715	5259	5469
	5	5429	5458	5346	5457	5280
	10	5382	5593	5387	5366	5371
	15	5601	5274	5310	5491	5611
	20	5645	5262	5574	5344	5276
	25	5433	5379	5291	5626	5697
	30	5674	5587	5529	5339	5709
	35	5464	5562	5372	5319	5254
	40	5415	5301	5475	5401	5408
	45	5653	5504	5543	5506	5547
	50	5485	5341	5672	5515	5468
	55	5583	5514	5621	5708	5286
	60	5300	5542	5331	5520	5411
	65	5395	5632	5386	5724	5716
	70	5487	5691	5512	5283	5445
	75	5658	5510	5426	5559	5680
	80	5264	5596	5473	5297	5666
	85	5486	5723	5484	5337	5320
	90	5710	5492	5359	5696	5508
	95	5350	5532	5599	5418	5685

Trial ID	Frequency List (MHz)	0	1	2	3	4
24	0	5375	5602	5651	5323	5689
	5	5471	5480	5421	5523	5584
	10	5313	5382	5428	5561	5392
	15	5401	5413	5439	5425	5653
	20	5612	5433	5724	5321	5328
	25	5494	5255	5256	5338	5573
	30	5486	5554	5483	5284	5701
	35	5463	5590	5504	5329	5615
	40	5655	5339	5648	5650	5336
	45	5589	5605	5538	5703	5548
	50	5691	5519	5294	5337	5565
	55	5715	5490	5333	5416	5614
	60	5496	5562	5718	5696	5358
	65	5335	5285	5282	5346	5385
	70	5498	5510	5710	5530	5630
	75	5472	5540	5457	5275	5520
	80	5536	5386	5389	5697	5264
	85	5343	5449	5388	5568	5657
	90	5462	5445	5481	5600	5405
	95	5516	5595	5521	5539	5305

Trial ID	Frequency List (MHz)	0	1	2	3	4
25	0	5533	5366	5581	5484	5531
	5	5610	5405	5496	5686	5318
	10	5622	5646	5568	5281	5413
	15	5302	5536	5419	5627	5661
	20	5497	5553	5431	5697	5587
	25	5667	5456	5290	5380	5462
	30	5443	5672	5635	5579	5371
	35	5554	5483	5657	5330	5454
	40	5263	5275	5647	5491	5566
	45	5583	5493	5424	5382	5383
	50	5538	5400	5512	5669	5668
	55	5530	5387	5663	5507	5550
	60	5621	5656	5278	5707	5283
	65	5552	5644	5457	5625	5365
	70	5397	5671	5523	5615	5529
	75	5612	5385	5311	5451	5599
	80	5291	5696	5292	5539	5714
	85	5525	5317	5342	5337	5631
	90	5347	5464	5370	5363	5601
	95	5460	5597	5560	5458	5624

Trial ID	Frequency List (MHz)	0	1	2	3	4
26	0	5313	5605	5523	5645	5276
	5	5652	5427	5571	5374	5553
	10	5532	5607	5379	5434	5293
	15	5655	5522	5529	5334	5572
	20	5663	5494	5514	5670	5475
	25	5604	5328	5560	5324	5422
	30	5351	5400	5412	5409	5302
	35	5407	5279	5335	5254	5346
	40	5690	5556	5644	5669	5386
	45	5280	5624	5547	5380	5678
	50	5568	5621	5472	5361	5356
	55	5700	5623	5395	5349	5358
	60	5300	5452	5382	5445	5317
	65	5708	5260	5590	5444	5330
	70	5626	5567	5683	5373	5628
	75	5468	5298	5283	5502	5389
	80	5495	5557	5516	5662	5666
	85	5398	5292	5381	5287	5630
	90	5282	5393	5589	5451	5512
	95	5474	5416	5720	5263	5634

Trial ID	Frequency List (MHz)	0	1	2	3	4
27	0	5568	5369	5453	5331	5593
	5	5694	5352	5646	5537	5354
	10	5484	5321	5650	5574	5455
	15	5381	5693	5625	5477	5536
	20	5580	5257	5532	5512	5643
	25	5266	5468	5531	5664	5358
	30	5561	5337	5357	5627	5597
	35	5552	5261	5550	5585	5633
	40	5607	5429	5626	5641	5499
	45	5363	5682	5592	5645	5554
	50	5259	5670	5659	5666	5413
	55	5577	5573	5329	5518	5397
	60	5311	5273	5263	5680	5651
	65	5325	5714	5628	5698	5553
	70	5253	5538	5349	5589	5364
	75	5418	5491	5508	5348	5347
	80	5663	5611	5320	5262	5649
	85	5677	5476	5438	5505	5281
	90	5635	5570	5565	5356	5319
	95	5258	5278	5475	5411	5713

Trial ID	Frequency List (MHz)	0	1	2	3	4
28	0	5348	5608	5389	5492	5338
	5	5261	5374	5721	5603	5561
	10	5318	5585	5691	5294	5476
	15	5469	5345	5253	5522	5588
	20	5423	5473	5601	5713	5629
	25	5320	5259	5293	5392	5701
	30	5314	5367	5335	5449	5346
	35	5263	5644	5543	5609	5467
	40	5260	5428	5334	5446	5643
	45	5645	5532	5430	5435	5650
	50	5482	5610	5531	5288	5365
	55	5678	5558	5683	5439	5618
	60	5671	5306	5406	5600	5718
	65	5632	5606	5431	5295	5636
	70	5256	5290	5703	5548	5333
	75	5538	5472	5569	5418	5604
	80	5371	5410	5660	5331	5573
	85	5637	5322	5529	5590	5301
	90	5509	5375	5387	5390	5274
	95	5625	5646	5254	5676	5361

Trial ID	Frequency List (MHz)	0	1	2	3	4
29	0	5506	5372	5331	5653	5655
	5	5400	5299	5321	5291	5724
	10	5374	5255	5489	5497	5557
	15	5464	5356	5567	5435	5499
	20	5492	5414	5587	5686	5517
	25	5257	5462	5494	5426	5645
	30	5687	5271	5485	5487	5615
	35	5252	5540	5714	5416	5568
	40	5382	5692	5407	5326	5262
	45	5529	5701	5706	5322	5684
	50	5621	5361	5683	5469	5314
	55	5393	5659	5649	5371	5384
	60	5450	5495	5704	5555	5367
	65	5401	5689	5622	5608	5679
	70	5505	5656	5658	5518	5542
	75	5670	5253	5375	5533	5473
	80	5657	5508	5573	5576	5273
	85	5634	5458	5352	5286	5667
	90	5532	5589	5421	5647	5493
	95	5307	5680	5630	5676	5360

*The test was performed on frequencies of shown in white.

APPENDIX 2: Test instruments

Test equipment

Test Item	Local ID	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
DFS	MOS-24	90289	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	0005	2020/01/07	12
DFS	MSG-20	158264	Signal Generator	Keysight Technologies Inc	N5182A	MY50142539	2020/09/04	12
DFS	MSA-04	141885	Spectrum Analyzer	Keysight Technologies Inc	E4448A	US44300523	2020/11/09	12
DFS	MCC-189	142376	Microwave Cable	Junkosha	MWX-221-02000DMSDMS	1507S108	-	-
DFS	MCC-190	142377	Microwave Cable	Junkosha	MWX-221-02000DMSDMS	1507S109	-	-
DFS	MCC-191	142378	Microwave Cable	Junkosha	MWX-221-02000DMSDMS	1507S110	-	-
DFS	MCC-185	142374	Microwave Cable	Junkosha	MMX221-00500DMSDMS	1502S312	-	-
DFS	MPSC-06	142735	Power Splitters/Combiners	PASTERNAK ENTERPRISES	ZFRSC-123-S+	ZFRSC-123-00231	-	-
DFS	MPSC-07	142736	Power Splitters/Combiners	PASTERNAK ENTERPRISES	ZFRSC-123-S+	ZFRSC-123-00232	-	-
DFS	MAT-23	141361	Attenuator(10dB) 1-18GHz	Orient Microwave	BX10-0476-00	-	2020/04/21	12
DFS	MAT-92	141421	Attenuator	Weinschel Associates	WA56-10	56100308	2020/05/25	12
DFS	MAT-21	141174	Attenuator(20dB)(above 1GHz)	HIROSE ELECTRIC CO.,LTD.	AT-120	901247	2020/01/07	12
DFS	MAT-88	141312	Attenuator	Weinschel Associates	WA56-10	56100304	2020/05/27	12
DFS	MAT-101	194879	Attenuator	Keysight Technologies Inc	8495A / 8495B	MY42150956 / MY42147424	-	-
DFS	MCC-236	184489	Microwave Cable	Murata	MXHS83QE3000	-	2020/09/08	12
DFS	MCC-206	141286	Microwave Cable	RS Pro	R-132G7210200CD	-	2020/02/04	12
DFS	COTS-MDFS-03	170949	Signal Studio for DFS Radar Profiles	EMC Instruments Corporation	N7607B	-	-	-

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item:

DFS: Dynamic Frequency Selection

UL Japan, Inc.

Ise EMC Lab.

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